

Nuclear Attack Planning Base-1990 Final Project Report

Annex B
Fallout Risk
Statistics & Maps



ANNEX B - FALLOUT RISK

This Annex provides summaries of the fallout risk to U.S. resident population and land area by State counties. For a discussion of the methodology employed to obtain this data, see Part 3., "Risk Definitions."

ANNEX B - FALLOUT RISK

TABLE OF CONTENTS

	<u>Page</u>
NATIONAL Fallout Risk Map	B- 5*
NATIONAL Fallout Risk Summary	B- 7*
REGION I Fallout Risk Summary	B- 9
Connecticut	B- 11
Maine	B- 13
Massachusetts	B- 15
New Hampshire	B- 17
Rhode Island	B- 19
Vermont	B- 21
REGION II Fallout Risk Summary	B- 23
New Jersey	B- 25
New York	B- 27
Puerto Rico	B- 31
Virgin Islands	B- 33
REGION III Fallout Risk Summary	B- 35
Delaware	B- 37
District of Columbia	B- 39
Maryland	B- 41
Pennsylvania	B- 43
Virginia	B- 47
West Virginia	B- 53
REGION IV Fallout Risk Summary	B- 57*
Alabama	B- 59
Florida	B- 63
Georgia	B- 67
Kentucky	B- 75
Mississippi	B- 81*
North Carolina	B- 85
South Carolina	B- 91
Tennessee	B- 95
REGION V Fallout Risk Summary	B-101
Illinois	B-103
Indiana	B-109
Michigan	B-115
Minnesota	B-119
Ohio	B-125
Wisconsin	B-131

*Interim data; to be corrected

ANNEX B - TABLE OF CONTENTS (Continued)

	<u>Page</u>
REGION VI Fallout Risk Summary	B-135*
Arkansas	B-137*
Louisiana	B-141*
New Mexico	B-145
Oklahoma	B-149*
Texas	B-153*
REGION VII Fallout Risk Summary	B-163*
Iowa	B-165
Kansas	B-171*
Missouri	B-177
Nebraska	B-183
REGION VIII Fallout Risk Summary	B-189
Colorado	B-191
Montana	B-195
North Dakota	B-199
South Dakota	B-203
Utah	B-207
Wyoming	B-211
REGION IX Fallout Risk Summary	B-213
Arizona	B-215
California	B-217
Hawaii	B-221
Nevada	B-223
American Samoa	B-225
Guam	B-227
Trust Territory	B-229
REGION X Fallout Risk Summary	B-231
Alaska	B-233
Idaho	B-235
Oregon	B-239
Washington	B-243

*Interim data; to be corrected

[A NATIONAL FALLOUT RISK MAP WILL BE PUBLISHED SEPARATELY]

NATIONAL FALLOUT RISK SUMMARY

Estimated 1985 Population: 242,109,419
Land Area: 3,551,226 square miles

FEMA REGION	VERY HIGH RISK [EQ/GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Region I	---	---	---	---	1 900 820	13 044	10 419 387	48 638
Region II	---	---	---	---	1 091 500	10 398	27 534 618	48 038
Region III	---	---	---	---	489 309	2 487	24 609 567	118 063
Region IV*	58 176	995	10 023 786	72 614	8 873 497	85 897	23 487 246	219 540
Region V	1 302 116	40 280	8 947 930	119 939	28 512 850	135 959	6 924 191	27 367
Region VI*	313 222	8 955	4 879 207	98 751	6 518 856	103 069	16 429 077	337 808
Region VII*	4 876 949	140 887	6 980 657	131 586	87 635	10 498	---	---
Region VIII	1 620 896	209 611	3 159 198	140 926	2 080 308	112 806	849 329	110 154
Region IX	1 351 111	20 941	14 558 057	52 204	9 492 568	72 277	6 102 606	241 548
Region X	---	---	640 633	8 387	3 571 884	72 376	4 442 233	735 183

NATIONAL TOTALS* 9 522 470 421 669 49 189 468 624 407 62 619 227 618 811 120 778 254 1 886 339

*Interim data; to be corrected

F E M A REGION I - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 12,320,207
Land Area: 61,682 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Connecticut	---	---	---	---	341 261	1 184	2 824 200	3 688
Maine	---	---	---	---	88 277	6 721	1 072 601	24 274
Massachusetts	---	---	---	---	655 822	1 514	4 847 653	4 983
New Hampshire	---	---	---	---	---	---	990 437	8 992
Rhode Island	---	---	---	---	578 010	416	387 461	638
Vermont	---	---	---	---	237 450	3 209	297 035	6 063
TOTAL REGION I	---	---	---	---	1 900 820	13 044	10 419 387	48 638

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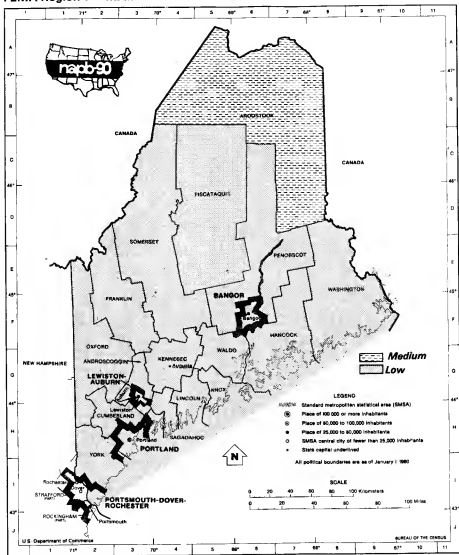
STATE OF CONNECTICUT - - FALLOUT RISK

Estimated 1985 Population: 3,165,461

Land Area: 4,872 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Fairfield	818 293	632
Hartford	819 457	739
Litchfield	160 885	922
Middlesex	133 498	373
New Haven	771 603	610
New London	246 137	669	.....	.....	.....
Tolland	120 464	412
Windham	95 124	515	.....	.....	.....
TOTAL STATE	---	---	---	341 261	1 184	2 824 200	3 688	.....

FEMA Region 1 — MAINE — Potential Fallout



STATE OF MAINE -- FALLOUT RISK

Estimated 1985 Population: 1,160,878
Land Area: 30,995 square miles

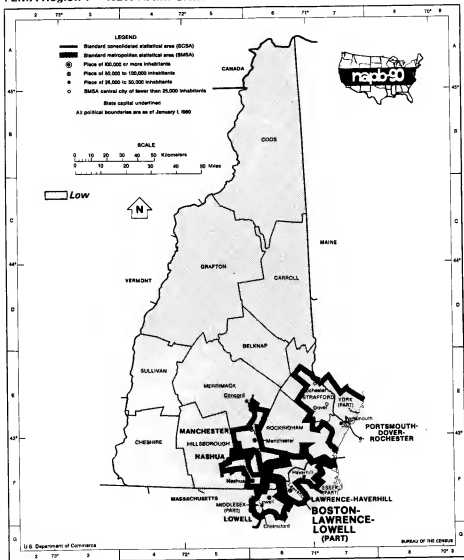
COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Androscoggin	100 112	477
Aroostook	88 277	6 721	225 058	876
Cumberland	29 408	1 699
Franklin	43 805	1 537
Hancock	112 723	876
Kennebec	34 496	370
Knox	27 958	458
Lincoln	49 771	2 053
Oxford	138 771	3 430
Penobscot	18 065	3 986
Piscataquis	30 689	257
Sagadahoc	46 806	3 931
Somerset	26 692	730
Waldo	33 858	2 586
Washington	154 389	1 008
York
STATE TOTAL	---	---	---	---	88 277	6 721	1 072 601	24 274

STATE OF MASSACHUSETTS - - FALLOUT RISK

Estimated 1985 Population: 5,503,475
Land Area: 6,497 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Bristol		478 662	557
Dukes		10 337	102
Essex		648 793	495
Franklin		64 987	702
Hampden		442 601	618
Hampshire		141 781	528
Middlesex		1 369 905	822
Nantucket		6 070	47
Norfolk		602 837	400
Plymouth		420 708	655
Suffolk		660 972	57
Worcester		655 822	1 514		
TOTAL STATE	---	---	---	---	655 822	1 514	4 847 653	4 983

FEMA Region 1 — NEW HAMPSHIRE — *Potential Fallout*



STATE OF NEW HAMPSHIRE - - FALLOUT RISK

Estimated 1985 Population: 990,437
Land Area: 8,992 square miles

COUNTY	VERY HIGH RISK [CT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Belknap	46 034	404
Carroll	30 428	932
Cheshire	64 644	711
Cook	33 352	1 805
Grafton	68 735	1 719
Hillsborough	299 744	876
Merrimack	103 605	936
Rockingham	212 199	699
Strafford	93 819	370
Sullivan	37 877	540
TOTAL STATE	-----	-----	-----	-----	-----	-----	990 437	8 992

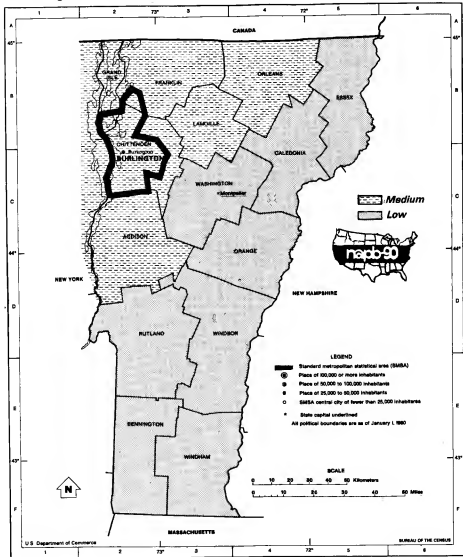
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STATE OF RHODE ISLAND -- FALLOUT RISK

Estimated 1985 Population: 965,471
Land Area: 1,054 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Bristol		46 484	26
Kent		158 247	172
Newport		84 236	107
Providence		578 010	416		
Washington		98 494	333
TOTAL STATE	---	---	---	---	578 010	416	387 461	638

FEMA Region 1 — VERMONT — Potential Fallout



STATE OF VERMONT -- FALLOUT RISK

Estimated 1985 Population: 534,485
Land Area: 9,272 square miles

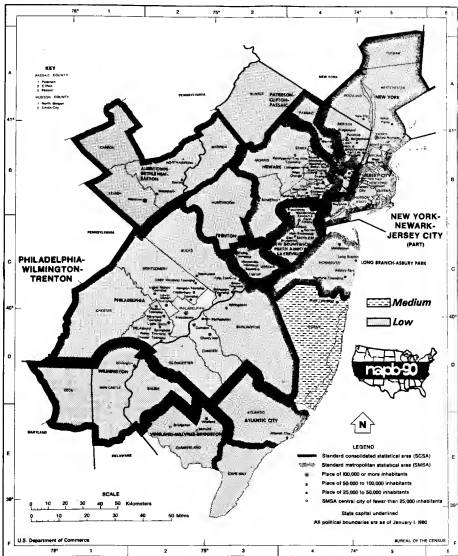
COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Addison	31 248	773	.....	.....
Bennington	34 937	676
Caledonia	26 478	651
Chittenden	123 194	540	.....	.....
Essex	6 646	666
Franklin	36 337	649	.....	.....
Grand Isle	5 002	89	.....	.....
Lamoille	17 676	461	.....	.....
Orange	24 019	690
Orleans	23 993	697	.....	.....
Rutland	59 226	932
Washington	53 831	690
Windham	38 786	786
Windsor	53 112	972
TOTAL STATE	---	---	---	---	237 450	3 209	297 035	6 063

P E M A R E G I O N I I - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 28,626,118
Land Area: 58,436 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/LT 6000R LT 15000R]		MEDIUM RISK [EQ/LT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
New Jersey	382 488	641	7 168 673	6 827	
New York	709 012	9 757	17 065 131	37 620	
Puerto Rico	3 196 520	3 459	
Virgin Islands	104 294	132	
TOTAL REGION II	---	---	---	1 091 500	10 398	27 534 618	48 038	

FEMA Region 2 — NEW JERSEY — Potential Fallout



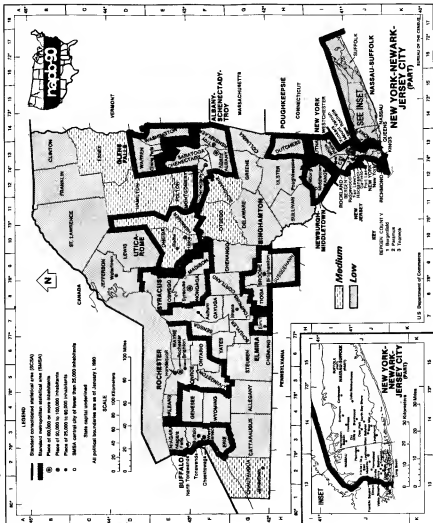
STATE OF NEW JERSEY - - FALLOUT RISK

Estimated 1985 Population: 7,551,161
Land Area: 7,468 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Atlantic	202 977	568
Bergen	843 976	237
Burlington	382 675	808
Camden	484 532	223
Cape May	90 810	263
Cumberland	133 582	498
Essex	826 857	127
Gloucester	209 076	327
Hudson	560 606	46
Hunterdon	93 887	427
Mercer	315 518	227
Middlesex	623 943	316
Monmouth	530 780	472
Morris	420 366	471
Ocean	382 488	641	.....	.....	.....
Passaic	457 120	187
Salem	66 592	338
Somerset	212 791	305
Sussex	121 242	525
Union	505 786	103
Warren	85 557	359

STATE TOTAL --- --- --- --- 382 488 641 7 168 673 6 827

FEMA Region 2 — NEW YORK — Potential Fallout



STATE OF NEW YORK - - FALLOUT RISK

Estimated 1985 Population: 17,774,143

Land Area: 47,377 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 3000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Albany	285 433	524
Allegany	51 343	1 032
Bronx	1 173 939	42
Broome	213 451	712
Cattaraugus	86 102	1 306
Cayuga	80 381	695
Chautauqua	146 038	1 064	.....	92 406	411
Chemung	50 447	897
Chenango	80 924	1 043
Clinton	61 646	638
Columbia	47 988	500
Cortland	46 664	1 440
Delaware	255 073	804
Dutchess	977 687	1 046
Erie
Essex	36 733	1 807	.....	43 604	1 642
Franklin
Fulton	56 407	497	.....	56 691	495
Genesee	41 477	648
Greene
Hamilton	4 806	1 721	.....	.....	.....
Herkimer	67 691	1 417	.....	99 068	1 273
Jefferson	2 259 554	70
Kings	24 945	1 283
Lewis

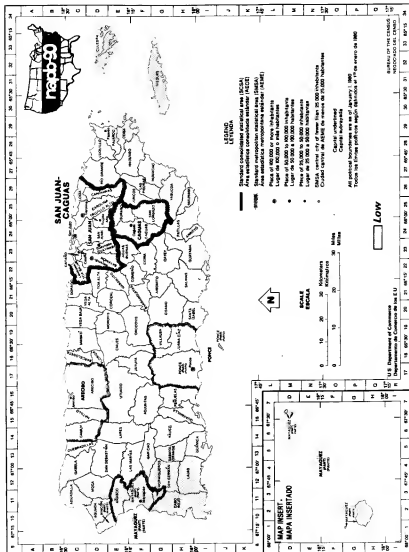
STATE OF NEW YORK (continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Livingston		58 866	633
Madison		67 406	656
Montroe		713 316	663
Montgomery		53 004	404		
Nassau		1 342 306	287
New York		1 463 052	22
Niagara		217 492	526
Oneida		253 963	1 219		
Onondaga		464 441	785
Ontario		92 890	644
Orange		276 972	826
Orleans		39 425	391
Oswego		120 383	954
Otsego		59 978	1 004		
Putnam		81 774	231
Queens		1 916 194	108
Rensselaer		152 266	655
Richmond		375 223	59
Rockland		265 505	175
St Lawrence		113 496	2 728
Saratoga		161 216	810
Schenectady		151 139	206
Schoharie		30 392	624		
Schwylar		17 721	329
Seneca		32 754	327

STATE OF NEW YORK (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Steuben	99 365	1 396
Suffolk	1 322 809	912
Sullivan	67 719	976
Tioga	50 776	519
Tompkins	88 051	477
Ulster	163 741	1 131
Warren	55 645	882
Washington	56 349	836
Wayne	88 815	603
Westchester	866 945	438
Wyoming	40 761	595
Yates	21 495	339
TOTAL STATE	----	----	----	----	709 012	9 757	17 065 131	37 620

FEMA Region 2 — PUERTO RICO — Potential Fallout



TERRITORY OF PUERTO RICO - - FALLOUT RISK

Estimated 1985 Population: 3,196,520
Land Area: 3,459 square miles

COUNTY	VERY HIGH RISK [GT 15000R] POPULATION	HIGH RISK [EQ/GT 6000R LT 15000R] AREA POPULATION	MEDIUM RISK [EQ/GT 3000R LT 6000R] AREA POPULATION	LOW RISK [LT 3000R] POPULATION AREA
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All Counties	3 196 520 3 459
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TOTAL TERRITORY	---	---	---	3 196 520 3 459
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[MAP WILL BE FURNISHED SEPARATELY]

REGION II - TERRITORY OF THE VIRGIN ISLANDS - Potential Fallout

TERRITORY OF THE VIRGIN ISLANDS - - FALLOUT RISK

Estimated 1985 Population: 104,294
Land Area: 132 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA

All Counties	104 294	132
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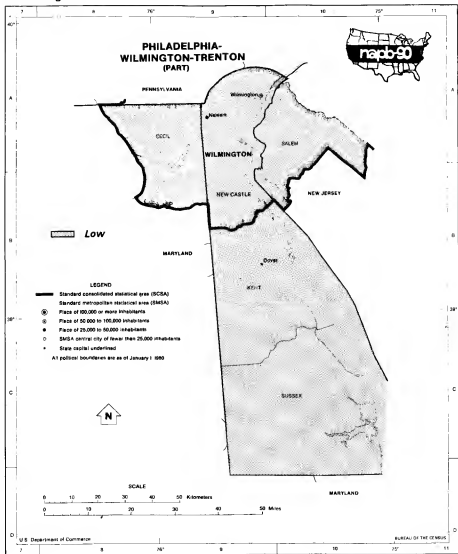
TOTAL TERRITORY	---	---	---	---	---	---	104 294	132
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F E M A R E G I O N I I I - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 25,107,876
Land Area: 120,550 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Delaware	---	---	---	---	---	---	530 229	1 933
Dist.of Columbia	---	---	---	---	---	---	618 906	63
Maryland	---	---	---	---	---	---	4 381 743	9 838
Pennsylvania	---	---	---	---	498 309	2 487	11 410 774	42 405
Virginia	---	---	---	---	---	---	5 715 659	39 700
West Virginia	---	---	---	---	---	---	1 952 256	24 124
TOTAL REGION III	---	---	---	---	489 309	2 487	24 609 567	118 063

FEMA Region 3 — DELAWARE — *Potential Fallout*

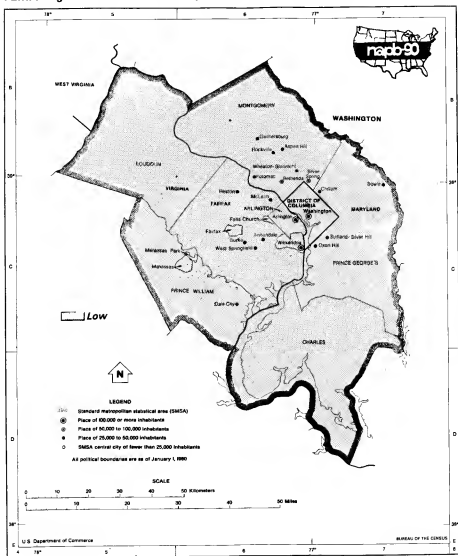


STATE OF DELAWARE - - FALLOUT RISK

Estimated 1985 Population: 530,229
Land Area: 1,933 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Kent	15 037	595
New Castle	409 985	396
Sussex	105 207	942
TOTAL STATE	---	---	---	---	---	---	530 229	1 933

FEMA Region 3 — DISTRICT OF COLUMBIA — 'Potential Fallout



DISTRICT OF COLUMBIA - - FALLOUT RISK

Estimated 1985 Population: 618,906
Land Area: 63 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Dist. of Columbia	-----	-----	-----	-----	-----	-----	618 906	63

TOTAL DISTRICT	---	---	---	---	---	---	618 906	63
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STATE OF MARYLAND -- FALLOUT RISK

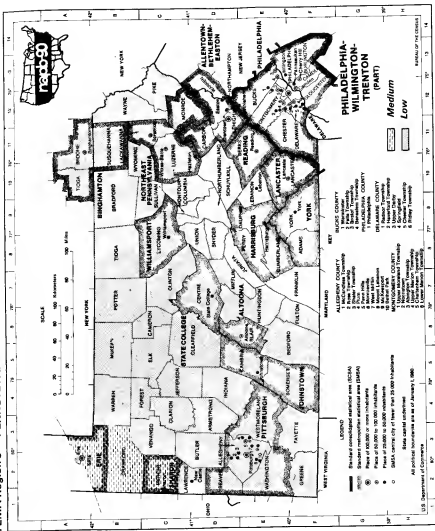
Estimated 1985 Population: 4,381,743
Land Area: 9,838 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Allegany		76 002	421
Anne Arundel		393 425	419
Baltimore		577 372	598
Calvert		40 418	213
Caroline		23 715	321
Carroll		106 853	452
Cecil		56 776	359
Charles		84 030	452
Dorchester		29 717	593
Frederick		126 295	663
Garrett		26 913	657
Harford		152 156	447
Howard		139 967	251
Kent		16 679	278
Montgomery		635 241	495
Prince Georges		678 149	487
Queen Annes		28 229	372
St Marys		64 355	373
Somerset		18 515	339
Talbot		27 117	259
Washington		111 651	455
Wicomico		66 361	379
Worcester		34 039	475
Baltimore City		757 768	80

TOTAL STATE

4 381 743 9 838

FEMA Region 3 — PENNSYLVANIA — Potential Fallout



STATE OF PENNSYLVANIA - - FALLOUT RISK

Estimated 1985 Population: 11,909,083
Land Area: 44,892 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	68 459	521
Allegheny	1 399 652	727
Armstrong	83 324	646
Beaver	197 808	436
Bedford	48 356	1 017
Berks	318 305	861
Blair	133 813	527
Bradford	64 199	1 152
Bucks	515 874	610
Butler	152 040	789
Cambria	175 533	691
Cameron	6 596	398
Carbon	54 170	385
Centre	114 856	1 106
Chester	339 008	758
Clarion	42 996	607
Clearfield	84 733	1 149
Clinton	39 156	892
Columbia	61 778	486
Crawford	89 061	1 011		
Cumberland	186 988	547
Dauphin	236 650	528
Delaware	550 418	184
Elk	37 425	830
Erie	282 674	804		

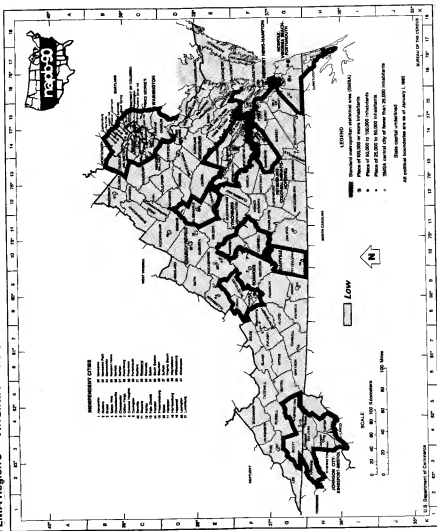
STATE OF PENNSYLVANIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Payette		159 070	794
Forest		5 018	428
Franklin		116 866	774
Fulton		13 721	437
Greene		41 362	577
Huntingdon		42 811	877
Indiana		93 550	829
Jefferson		49 051	656
Junata		19 980	392
Lackawanna		222 969	461
Lancaster		386 020	952
Lawrence		105 403	363
Lebanon		111 919	363
Lehigh		277 519	348
Luzerne		334 652	891
Lycoming		116 783	1 237
McKean		48 882	979
Mercer		126 574	672	46 580	413
Mifflin		79 149	609
Monroe
Montgomery		662 853	486
Montour		17 066	131
Northampton		232 130	376
Northumberland		100 144	461
Perry		38 081	557
Philadelphia		1 636 321	136
Pike		21 143	551
Potter		18 490	1 081
Schuylkill		158 879	781
Snyder		35 824	329

STATE OF PENNSYLVANIA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Somerset		82 007	1 073
Sullivan		6 159	451
Susquehanna		39 233	826
Tioga		40 093	1 131
Union		33 796	317
Venango		64 445	679
Warren		47 707	885
Washington		217 162	858
Wayne		38 414	731
Westmoreland		385 141	1 033
Wyoming		27 557	399
York		324 687	906
TOTAL STATE	---	---	---	---	498 309	2 487	11 410 774	42 405

FEMA Region 3 — VIRGINIA — "Potential Fallout



STATE OF VIRGINIA - - FALLOUT RISK

Estimated 1985 Population: 5,715,659

Land Area: 39,700 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Accomack		30 877	476
Albemarle		59 605	725
Alleghany		13 541	446
Amelia		8 247	357
Amherst		29 207	478
Appomattox		12 380	336
Arlington		154 597	26
Augusta		54 869	989
Bath		5 302	537
Bedford		37 379	747
Bland		6 584	359
Botetourt		23 987	545
Brunswick		16 369	563
Buchanan		37 878	504
Buckingham		11 972	583
Campbell		46 194	505
Caroline		18 878	536
Carroll		28 517	478
Charles City		6 751	181
Charlotte		11 840	476
Chesterfield		164 500	434
Clarke		10 212	178
Craig		4 029	330
Culpeper		23 367	382
Cumberland		7 883	300

STATE OF VIRGINIA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Dickenson	20 223	331
Dinwiddie	21 091	507
Essex	8 754	263
Fairfax	692 187	393
Fauquier	40 110	651
Floyd	11 749	381
Fluvanna	10 519	290
Franklin	37 107	683
Frederick	35 630	415
Giles	17 799	362
Gloucester	25 841	225
Goochland	12 676	281
Grayson	16 832	446
Greene	8 522	157
Greensville	10 082	300
Halifax	29 663	816
Hanover	52 693	468
Henrico	195 226	238
Henry	56 311	362
Highland	2 797	416
Isle of Wight	23 553	319
James City	25 364	153
King & Queen	5 897	317
King George	11 204	180
King William	9 888	278
Lancaster	10 760	133
Lee	27 010	437
Loudoun	63 985	521
Louisa	18 918	497
Lunenburg	12 155	432

STATE OF VIRGINIA (Continued)

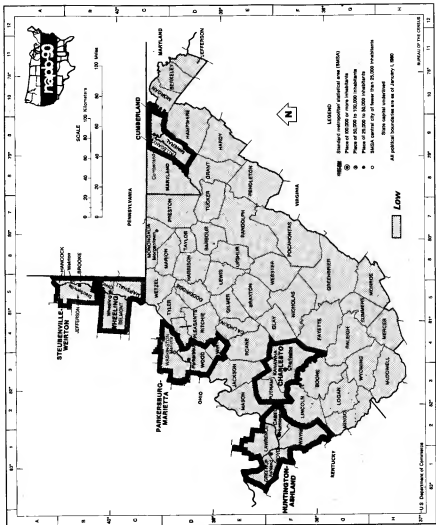
COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Madison	10 609	322
Mathews	9 623	87
Mecklenburg	27 798	616
Middlesex	8 286	134
Montgomery	65 379	390
Nelson	12 336	475
New Kent	10 111	213
Northampton	14 097	226
Northumberland	9 918	185
Notoway	14 182	317
Orange	19 053	342
Page	19 593	313
Patrick	17 739	481
Pittsylvania	66 604	995
Powhatan	13 752	261
Prince Edward	16 928	354
Prince George	26 007	266
Prince William	169 165	339
Pulaski	34 978	318
Rappahannock	6 117	267
Richmond	6 816	193
Roanoke	74 101	251
Rockbridge	18 123	603
Rockingham	53 179	865
Russell	33 140	479
Scott	25 669	536
Shenandoah	28 403	512
Smyth	33 437	452
Southampton	19 089	603
Spotsylvania	36 716	404

STATE OF VIRGINIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Stafford	48 799	271
Stafford	6 288	281
Sussex	10 226	492
Tazewell	51 785	520
Warren	22 363	217
Washington	47 631	563
Westmoreland	14 279	227
Wise	45 748	405
Wythe	25 624	464
York	40 171	113
INDEPENDENT CITIES								
Alexandria	107 977	15
Bedford	6 277	7
Bristol	18 401	12
Buena Vista	6 414	3
Charlottesville	40 757	10
Chesapeake	128 906	340
Clifton Forge	4 803	3
Colonial Heights	17 613	8
Covington	7 492	4
Danville	44 426	17
Emporia	4 822	2
Fairfax	20 471	6
Falls Church	9 547	2
Franklin	7 175	4
Fredericksburg	19 356	6
Galax	6 507	8
Hampton	126 828	51
Harrisonburg	26 543	6
Hopewell	24 495	10
Lexington	6 774	2

STATE OF VIRGINIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Lynchburg	67 430	49
Manassas	25 643	8
Manassas Park	6 524	2
Martinsville	18 264	11
Newport News	159 965	65
Norfolk	282 850	53
Norton	4 446	7
Petersburg	40 714	23
Poquoson	10 073	17
Portsmouth	108 802	30
Radford	13 415	7
Richmond	219 010	60
Rosnoke	100 799	43
Salem	24 293	14
South Boston	7 353	5
Staunton	21 871	8
Suffolk	49 070	409
Virginia Beach	320 264	256
Waynesboro	15 194	8
Williamsburg	11 161	5
Winchester	20 561	9
TOTAL STATE	5 715 659	39 700

FEMA Region 3 -- WEST VIRGINIA -- [†]Potential Fallout

STATE OF WEST VIRGINIA - - FALLOUT RISK

Estimated 1985 Population: 1,952,256
Land Area: 24,124 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Barbour	16 575	343
Berkeley	50 737	322
Boone	30 926	503
Braxton	14 867	513
Brooke	29 855	90
Cabell	105 480	282
Calhoun	8 754	280
Clay	11 636	346
Dodridge	7 728	321
Fayette	56 777	667
Gilmer	8 570	340
Grant	10 700	480
Greenbrier	36 418	1 025
Hampshire	16 044	644
Hancock	39 360	85
Hardy	10 750	585
Harrison	77 827	417
Jackson	26 271	464
Jefferson	32 646	209
Kanawha	225 530	901
Lewis	18 828	389
Lincoln	23 898	439
Loyal	51 109	456
McDowell	46 772	535
Marion	64 570	312

STATE OF WEST VIRGINIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Marshall	40 698	305
Mason	26 520	433
Mercer	74 229	420
Mineral	27 657	329
Mingo	38 728	424
Monongalia	78 079	363
Monroe	13 156	473
Morgan	11 225	230
Nicholas	27 964	650
Ohio	60 308	106
Pendleton	7 970	698
Pleasants	7 959	131
Pocahontas	9 687	942
Preston	31 346	651
Putnam	40 735	346
Raleigh	86 190	608
Randolph	29 608	1 040
Ritchie	11 700	454
Roane	15 630	484
Summers	15 424	353
Taylor	16 499	174
Tucker	8 759	421
Tyler	11 013	258
Upshur	24 904	355
Wayne	46 385	508

STATE OF WEST VIRGINIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Webster		11 609	556
Wetzel		22 106	359
Wirt		5 281	235
Wood		92 885	368
Wyoming		35 334	502
TOTAL STATE	---	---	---	---	---	---	1 952 256	24 124

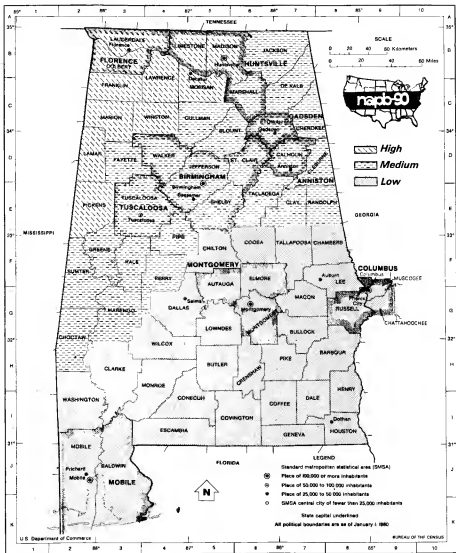
FEMA REGION IV - - FALLOUT RISK SUMMARY

Estimated 1985 Population: 42,442,705
Land Area: 379,046 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Alabama	---	---	643 193	7 378	1 796 772	19 032	1 519 180	24 329
Florida	---	---	4 566 549	9 312	675 092	2 745	6 641 705	51 340
Georgia	---	---	85 180	380	1 859 305	12 047	3 984 738	45 690
Kentucky	---	---	737 264	10 904	2 138 169	18 344	854 713	10 391
Mississippi*	---	---	1 035 736	21 597	1 086 907	19 343	494 490	6 234
North Carolina	---	---	98 361	554	261 391	2 496	5 874 022	45 793
South Carolina	---	---	291 814	938	191 165	1 683	2 860 443	27 586
Tennessee	58 176	995	2 565 689	21 551	864 696	10 207	1 257 955	8 177
TOTAL REGION*	58 176	995	10 023 786	72 614	8 873 497	85 897	23 487 246	219 540

*Interim data; to be corrected

FEMA Region 4 — ALABAMA — Potential Fallout



STATE OF ALABAMA - - F A L L O U T R I S K

Estimated 1985 Population: 3,959,145
Land Area: 50,739 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Autauga		33 760	597
Baldwin		88 981	1 590
Barbour			
Bibb		16 836	625
Blount			
Bullock		10 624	625
Butler		22 263	779
Calhoun			
Chambers		40 557	596
Cherokee			
Chilton		31 425	695
Choctaw			
Clark		28 781	1 203
Clay			
Clayborne			
Coffee		40 578	680
Colbert			
Conecuh		15 464	854
Coosa		11 336	657
Covington		37 040	1 038
Crenshaw			
Cullman		13 832	611
Dale			
Dallas		45 314	561
De Kalb		55 090	975
			

STATE OF ALABAMA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Elmore	47 012	622
Escambia	37 656	951
Etowah	103 697	542	.....	.....
Fayette	19 147	630	.....	.....
Franklin	28 748	643	.....	.....	.....	.....
Geneva	23 783	578
Greene	11 243	631	.....	.....
Hale	15 065	661	.....	.....
Henry	15 326	557
Houston	79 172	577
Jackson	51 402	1 069	.....	.....
Jefferson	671 808	1 119	.....	.....
Lamar	16 420	605	.....	.....	.....	.....
Lauderdale	81 917	661	.....	.....	.....	.....
Lawrence	31 671	693	.....	.....	.....	.....
Lee	79 209	609
Limestone	47 639	559	.....	.....	.....	.....
Lowndes	13 093	714
Macon	25 901	614
Madison	213 250	806	.....	.....	.....	.....
Marango	24 957	982	.....	.....
Marion	31 414	743	.....	.....	.....	.....
Marshall	69 502	567	.....	.....
Mobile	328 158	1 236
Monroe	22 468	1 019

STATE OF ALABAMA (Continued)

COUNTY	VERY HIGH THREAT POPULATION	VERY HIGH THREAT AREA	HIGH THREAT POPULATION	HIGH THREAT AREA	MEDIUM THREAT POPULATION	MEDIUM THREAT AREA	LOW THREAT POPULATION	LOW THREAT AREA
Montgomery	206 993	793
Morgan	94 796	575	.....	.....	.....	.....
Perry	15 045	719	.....	.....
Pickens	21 915	890	.....	.....	.....	.....
Pike	28 106	672
Randolph	20 236	585	.....	.....
Russell	48 550	634
St Clair	44 539	646	.....	.....
Shelby	75 418	800	.....	.....
Sumter	17 202	907	.....	.....
Talladega	77 228	753	.....	.....
Tallapoosa	39 107	701
Tuscaloosa	139 201	1 336	.....	.....
Walker	68 882	803	.....	.....
Washington	17 443	1 081
Wilcox	15 322	883
Winston	21 545	614	.....	.....	.....	.....
TOTAL STATE	---	---	643 193	7 378	1 796 772	19 032	1 519 180	24 329

STATE OF FLORIDA - - FALLOUT RISK

Estimated 1985 Population: 11,883,346
Land Area: 63,397 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Alachua	789 260	902
Baker	17 591	585
Bay	111 180	758
Bradford	23 983	293
Brevard	343 585	995	.....	.....	.....
Broward	1 112 075	1 211
Calhoun	9 556	568
Charlotte	79 404	690
Citrus	78 546	629
Clay	84 793	592
Collier	116 981	1 994
Columbia	39 947	797
Dade	1 726 021	1 995	.....	.....	21 295	636
De Soto	9 476	701
Dixie
Duval	623 035	776
Escambia	260 730	661
Flagler	16 816	491
Franklin	8 343	545
Gadsden	43 693	518
Gilchrist	7 267	354
Glades	6 765	763
Gulf	11 349	559
Hamilton	9 342	517
Hardee	20 818	637	.....	.....	.....

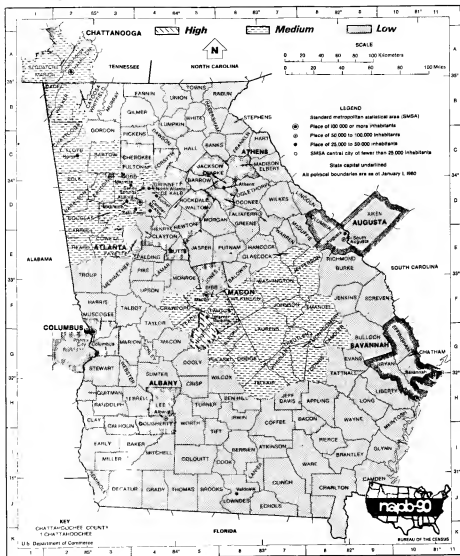
STATE OF FLORIDA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Hendry	22 565	1 163
Hernando	74 901	477
Highlands	58 524	1 029
Hillborough	743 771	1 053	.....	.....	.....	.....
Holmes	15 934	488
Indian River
Jackson	77 629	497
Jefferson	40 768	942
Lafayette	11 658	609
Lake	127 239	954	.....	.....	4 332	545
Lee	246 738	803
Leon	168 231	676
Levy	24 623	1 100
Liberty	4 576	837
Madison	15 443	710
Manatee	174 772	947	.....	.....	.....	.....
Marion	163 799	1 610
Martin	82 856	555
Monroe	71 003	1 034
Nassau	38 569	649
Okaloosa	131 901	936
Okeechobee	25 812	771
Orange	547 930	910	.....	.....	.....	.....
Osceola	74 576	1 350	.....	.....	.....	.....
Palm Beach	721 030	1 993
Pasco	232 936	738
Pinellas	808 500	280	.....	.....	.....	.....
Polk	363 740	1 823	.....	.....	.....	.....
Putnam	59 098	733
St Johns	67 087	617

STATES OF FLORIDA (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
St Lucie		117 109	581
Santa Rosa		65 097	1 024
Sarasota		246 395	573
Seminole		232 587	298
Sumter		29 162	561
Suwannee		25 644	690
Taylor		18 167	1 058
Union		11 562	246
Volusia		310 689	1 113		
Wakulla		12 889	601
Walton		25 509	1 066
Washington		16 144	590
TOTAL STATE	----		----		675 092	2 745	6 641 705	51 340

FEMA Region 4 — GEORGIA — Potential Fallout



STATE OF GEORGIA - - FALLOUT RISK

Estimated 1985 Population: 5,929,233
Land Area: 59,117 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Appling	16 441	510
Atkinson	6 254	344
Bacon	9 572	286
Baker	3 541	347
Baldwin	38 659	258
Banks	9 940	234
Barrow	24 768	163
Bartow	17 067	254
Ben Hill	44 059	456	13 842	456
Berrien
Bibb	158 476	253	.....	.....
Bleckley	10 645	219	.....	.....
Brantley	9 430	444
Brooks	15 299	491
Bryan	12 164	441
Bulloch	37 271	678
Burke	20 728	833
Butts	15 169	187
Calhoun	5 527	284
Camden	17 682	649
Candler
Carroll	7 833	248	.....	.....
Catoosa	63 098	502	.....	.....
Charlton	38 746	163
Chatham	7 741	780
	214 908	444

STATE OF GEORGIA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Chattahoochee	20 139	250
Chattooga	21 345	314	.....	.....	65 533	424
Cherokee	76 890	122
Clarke	3 278	197
Clay
Clayton	165 686	148
Clinch	6 863	821
Cobb	368 393	343	.....	.....	28 818	602
Coffee	36 484	556
Colquitt
Columbia	51 795	290
Cook	13 889	232
Coweta	43 886	444	.....	.....	.....	.....
Crawford	7 087	328	.....	.....	20 258	275
Crisp
Dade	11 389	176	.....	.....	.....	.....
Dawson	5 873	210
Decatur	26 635	586
De Kalb	506 550	270
Dodge	16 747	504	.....	.....	.....	.....
Dooley	10 616	397
Dougherty	103 630	330
Douglas	65 631	203	.....	.....	.....	.....
Early	13 150	516
Echols	2 235	420
Effingham	21 091	482
Elbert	19 042	367
Emanuel	21 366	688	.....	.....	.....	.....
Evans	8 504	186
Fannin	15 266	384

STATE OF GEORGIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Fayette		42 806	199
Floyd		78 516	519	34 431	226
Forsyth		15 569	264
Franklin			
Fulton		621 030	534		
Gilmer		11 822	427
Glascock		2 331	144
Glynn		60 350	412
Gordon		32 616	355
Grady		21 318	459
Greene		11 978	390
Gwinnett		246 112	435
Habersham		27, 014	278
Hall		83 207	379
Hancock		9 302	469
Haralson		19 589	283	16 380	464
Harris		19 220	230
Hart	
Heard		6 750	292	43 673	321
Henry	
Houston	85 180	380	.....	.....		8 813	362
Irwin		27 158	342
Jackson		7 744	371
Jasper		11 846	335
Jeff Davis	
Jefferson	18 725	529	.....		.....
Jenkins		8 421	353
Johnson	9 602	307	.....	18 579	394
Jones		12 294	186
Lamar		5 644	194
Laurens	

STATE OF GEORGIA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Laurens	38 253	8 16	14 081	358
Lee	41 837	517
Liberty	6 892	196
Lincoln	5 675	402
Long
Lowndes	72 742	507
Lumpkin	12 036	287
McDuffie	19 633	256
McIntosh	8 025	425
Macon	14 188	404
Madison	19 508	285
Marion	5 384	366
Meriwether	20 661	506
Miller	6 795	284
Mitchell	21 841	512
Monroe	14 949	397
Montgomery	6 934	244	12 230	349
Morgan	21 438	345
Murray	177 080	218
Muscogee
Newton	38 957	277
Oconee	14 648	186
Oglethorpe	9 543	442
Paulding	29 957	312	.....	.....
Peach	19 200	151	.....	.....
Pickens	13 303	232
Pierce	12 730	344
Pike	8 631	219
Polk	33 165	312	.....	.....
Pulaski	8 959	249	.....	.....

STATE OF GEORGIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Putnam	11 700	344
Quitman	2 156	146
Rabun	10 840	370
Randolph	9 381	481
Richmond	189 036	326
Rockdale	44 501	132
Schley	3 354	169
Screven	14 396	655
Seale	8 775	225
Spalding	51 453	199
Stephens	22 239	177
Stewart	5 862	452
Suwanee	30 374	488
Talbot	6 496	395
Taliaferro	1 986	196
Tattnall	17 783	484
Taylor	8 082	382
Telfair	11 042	444
Terrell	11 943	337
Thomas	38 187	551
Tift	33 722	268
Toombs	6 279	165
Towns	53 248	415
Treutlen	9 643	289
Troup	10 583	320
Turner	26 591	336
Twiggs	55 155	446
Union	9 744	362
Upson
Walker

STATE OF GEORGIA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Walton	32 390	330
Ware	37 123	907
Warren	6 439	286
Washington	19 307	683	.....	.....
Wayne	22 128	647
Webster	2 077	210
Wheeler	5 056	299	.....	.....
White	11 205	242
Whitfield	68 141	291
Wilcox	7 559	382
Wilkes	11 356	470
Wilkinson	10 778	458	.....	.....
Worth	18 259	575
TOTAL STATE	---	---	85 180	380	1 859 305	12 047	3 984 738	45 690

STATE OF KENTUCKY - - FALLOUT RISK

Estimated 1985 Population: 3,730,146
Land Area: 39,639 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adair	15 857	407	.....	.....
Allen	14 370	338	.....	.....	.....	.....
Anderson	13 522	204	.....	.....
Ballard	8 186	254	.....	.....	.....	.....
Barren	34 692	482	.....	.....
Bath
Bell	10 263	278
Boone	34 201	361
Bourbon	51 553	246	.....	.....
Boyd	19 147	292	.....	.....
Boyle	54 575	161
Bracken	25 106	182	.....	.....
Breathitt	7 555	203	.....	.....
Breckinridge
Bullitt	16 566	565	16 453	495
Butler	45 100	300	.....	.....
Calloway	11 958	431	.....	.....	.....	.....
Calloway	13 265	347	.....	.....	.....	.....
Campbell	30 551	386	.....	.....	.....	.....
Carlisle	80 896	152	.....	.....
Carroll	5 262	191	.....	.....	.....	.....
Carter	9 850	130	.....	.....
Casey	25 814	407
Christian	15 293	445	.....	.....
Clark	64 360	722	.....	.....	.....	.....
Clark	29 442	255	.....	.....

STATE OF KENTUCKY (Continued)

COUNTY	VERY HIGH RISK POPULATION	HIGH RISK POPULATION	MEDIUM RISK POPULATION	LOW RISK POPULATION
Clay	23 867
Clinton	9 984	471
Crittenden	8 896	196	
Cumberland	360		
Daviess	88 834	7 334	304
Edmonson	463		
Elliott	11 567	302
Estill	6 923	234
Fayette	15 107	256
Fleming	211 628	285
Floyd	12 524
Franklin	351
Fulton	44 192	212
Gallatin	8 234	4 962	99
Garrard	11 397	232
Grant	14 477	259
Graves	37 712	22 631	493
Grayson	557	10 950	289
Green	38 515
Greenup	347
Hancock	8 242	90 545	629
Hardin	42 139
Harrison	15 678	310
Hart	17 009	412
Henderson	42 474	13 467	291
Henry	
Hickman	5 618	245	
Hopkins	46 424	552	
Jackson	12 586	346

STATE OF KENTUCKY (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Jefferson		682 179	386		
Jessamine		28 497	175		
Johnson				25 895	264
Kenton				136 391	163
Knott		18 395	352		
Knox				30 205	358
Larue		12 018	263		
Laurel		42 251	434		
Lawrence				15 007	420
Lee				7 781	211
Lealie				15 407	402
Letcher				30 977	339
Lewis				14 458	484
Lincoln		19 180	332		
Livingston	9 131	312					
Logan	26 045	556					
Lyon	6 425	209					
McCracken	61 367	251					
McCreary			16 306	427			
McLean	9 948	256					
Madison			55 644	443			
Magoffin						14 251	310
Marion			17 699	347			
Marshall	25 976	304					
Martin						1 063	231
Mason						17 091	241
Meade			22 789	307			
Menifee						5 353	203
Mercer			19 405	250			
Metcalfe			10 359	291			

STATE OF KENTUCKY (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Monroe		12 618	331		
Montgomery	20 410	199
Morgan	12 122	382
Muhlenberg		31 696	478	.....	.....
Nelson		28 923	424		
Nicholas		7 330	197		
Ohio		21 875	996	.....	.....
Oldham		30 519	190		
Owen		9 217	354		
Owsley	5 641	198
Pendleton		10 767	281		
Perry	35 419	341
Pike	83 875	765
Powell	11 907	180
Pulaski		49 129	660		
Robertson		2 383	100		
Rockcastle		14 664	318		
Rowan	19 043	282
Russell		15 141	250		
Scott		21 971	286		
Shelby		24 243	385		
Simpson		14 936	236	.....	.....
Spencer		6 148	192		
Taylor		22 162	270		
Todd		10 649	377	.....	.....
Trigg		9 386	421	.....	.....
Trimble		6 321	148		
Union		17 887	341	.....	.....
Warren		82 907	547	.....	.....
Washington		10 291	301		

STATE OF KENTUCKY (Continued)

COUNTY	VERY HIGH THREAT POPULATION	VERY HIGH THREAT AREA	HIGH THREAT POPULATION	HIGH THREAT AREA	MEDIUM THREAT POPULATION	MEDIUM THREAT AREA	LOW THREAT POPULATION	LOW THREAT AREA
Wayne	17 759	446		
Webster	14 730	336				
Whitley	35 619	443
Wolfe	7 152	223
Woodford	18 845	192		
TOTAL STATE	---	---	737 264	10 904	2 138 169	18 344	854 713	10 391

STATE OF MISSISSIPPI -- FALLOUT RISK

Estimated 1985 Population: 2,617,133
Land Area: 47,174 square miles

COUNTY	VERY HIGH RISK [GT 15000R] POPULATION	AREA	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	AREA	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	AREA	LOW RISK [LT 3000R] POPULATION	AREA
Adams		39 119	456		
Alcorn		32 183	401				
Anne		13 288	732		
Attala		18 901	737				
Benton		8 126	407				
Bolivar		45 246	892				
Calhoun		15 196	573				
Carroll		9 173	634				
Chickasaw		17 923	503				
Choctaw		8 542	420				
Claiborne		12 621	494		
Clarke		16 823	692		
Clay		22 053	415				
Coahoma		35 424	559				
Copiah		25 744	779		
Covington		15 888	416		
De Soto		58 091	483			70 812	469
Forrest		8 373	566	16 044	483
Franklin		9 382	718
George		29 671	478
Greene		171 484	581
Grenada		21 543	421	.....		261 467	875
Hancock			
Harrison			
Hinds			

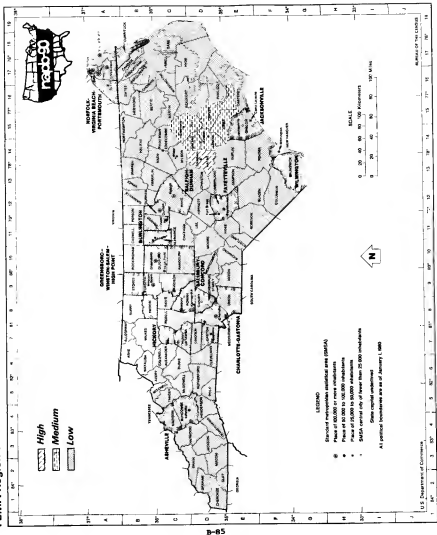
STATE OF MISSISSIPPI (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Holmes	23 784	759	.....	.....	13 934	430
Burphreys
Issaquena	2 147	406	.....	.....	.....	.....
Itawamba	20 299	541	.....	.....	.....	.....
Jackson	124 917	731
Jasper	17 173	678	.....	.....
Jefferson	9 793	523	.....	.....
Jefferson Davis	14 104	409	.....	.....
Jones	64 507	695	.....	.....
Kemper	10 373	766	.....	.....
LaFayette	32 522	609	.....	.....	.....	.....
Lamar	26 768	499	.....	.....
Lauderdale	80 005	705	.....	.....
Lawrence	13 144	435	.....	.....
Leake	18 683	584	.....	.....
Lee	61 285	451	.....	.....	.....	.....
Leflore	42 369	605	.....	.....	.....	.....
Lincoln	31 099	586	.....	.....
Lowndes	61 314	517	.....	.....
Madison	45 724	717	.....	.....	.....	.....
Marion	27 571	548	.....	.....
Marshall	32 405	709	.....	.....	.....	.....
Monroe	36 628	772	.....	.....	.....	.....
Montgomery	12 660	408	.....	.....	.....	.....
Neshoba	24 674	571	.....	.....
Newton
Noxubee	20 288	580	.....	.....
Oktibbeha	38 129	459	12 537	698	.....	.....
Panola	29 785	695	.....	.....	.....	.....
Pearl River	38 167	819	.....	.....

STATE OF MISSISSIPPI (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Perry	
Pike		10 646	651
Pontotoc		36 699	410		
Prentiss		21 744	499				
Quitman		24 682	417				
		11 334	406				
Rankin		80 192	782		
Scott		25 256	610		
Sharkey					
Singmon		8 076	435	24 762	591		
Smith		14 554	635		
Stone		10 110	446
Sunflower		37 634	707				
Tallahatchie		16 124	651				
Tate		21 311	406				
Tippah		18 985	458				
Tishomingo		17 338	434
Tunica		9 299	460				
Union		21 595	417				
Walthall		12 870	404		
Warren		51 872	597				
Washington		72 533	733				
Wayne		20 152	813
Webster		10 196	424				
Wilkinson		10 484	678		
Winston		18 567	610		
Yalobusha		13 387	478				
Yazoo		26 826	933				
TOTAL STATE	---		1 035 736	21 597	1 086 907	19 343	494 490	6 234

FEMA Region 4 — NORTH CAROLINA — ' Potential Fallout



STATE OF NORTH CAROLINA - - FALLOUT RISK

Estimated 1985 Population: 6,233,774
Land Area: 48,843 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Alamance	102 865	433
Alexander	26 671	259
Alleghany	9 941	234
Anson	26 266	533
Ashe	23 263	426
Avery	15 040	247
Beaufort	43 217	826
Bertie	21 491	701
Bladen	30 794	879
Brunswick	45 643	861
Buncombe	166 717	659
Burke	75 193	505
Cabarrus	93 522	364
CalDWELL	68 745	471
Camden	5 866	241
Carteret	48 181	525
Caswell	22 441	427
Catawba	112 583	396
Chatham	35 680	708
Cherokee	20 231	452
Chowan	12 995	181
Clay	7 093	214
Cleveland	84 762	468
Columbus	51 937	939
Craven	77 821	702

STATE OF NORTH CAROLINA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Cumberland		252 353	657
Currituck		13 318	256
Dare		17 107	391
Davidson		118 693	548
Davis		27 416	267
Duplin		41 650	819
Durham		160 837	298
Edgecombe		58 790	506
Forsyth		258 622	412
Franklin		32 305	494
Gaston		170 614	357
Gates		9 357	338
Graham		7 104	289
Granville		36 884	534
Greene	16 464	266			
Gulfport		327 323	651
Halifax		56 258	724
Harnett		62 366	601
Haywood		47 835	555
Henderson		66 501	375
Hertford		24 076	356
Hoke		22 566	391
Hyde		5 925	624
Iredell		87 260	574
Jackson		27 318	490
Johnston		76 426	795
Jones	9 806	470			
Lee		40 039	259
Lenoir	61 276	402			
Lincoln		45 086	298

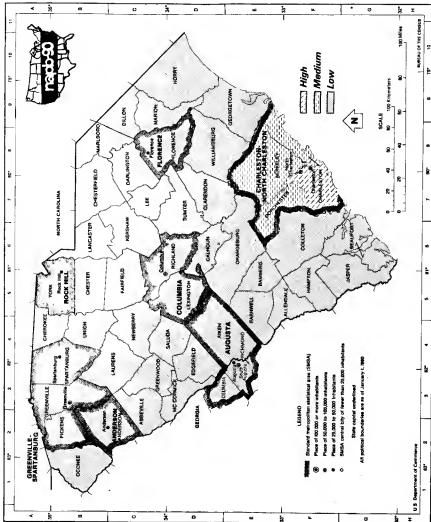
STATE OF NORTH CAROLINA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
McDowell	36 454	437
Macon	23 466	517
Madison	17 250	451
Martin	27 437	461
Mecklenburg	439 986	528
Mitchell	14 258	222
Montgomery	23 665	490
Moore	55 254	701
Nash	70 931	540
New Hanover	112 147	185
Northampton	22 485	538
Onslow	120 039	763
Orange	81 875	400
Pamlico	10 925	341
Pasquotank	29 502	228
Pender	24 268	875
Perquimans	9 913	246
Person	30 316	398
Pitt
Polk	96 024	656
Randolph	14 758	238
Richmond	97 642	789
Robeson	45 644	477
Rockingham	106 472	949
Rowan	95 801	569
Rutherford	102 667	519
Sampson	56 501	568
Scotland	50 707	947
Stanly	34 149	319
Stokes	50 203	396
	35 319	452

STATE OF NORTH CAROLINA (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Surry		60 500	539
Swain		10 818	526
Transylvania		25 249	378
Tyrrell		4 130	407
Union		77 802	639
Vance		38 320	249
Wake		346 147	854
Warren		16 236	427
Washington		14 473	332
Watauga		34 273	314
Wayne		98 361	554	.....		.....	.....
Wilkes		60 948	752
Wilson		64 997	374
Yadkin		29 498	336
Yancey		15 431	314
TOTAL STATE	---	---	98 361	554	261 391	2 496	5 874 022	45 793

FEMA Region 4 – SOUTH CAROLINA – Potential Fallout



STATE OF SOUTH CAROLINA - - FALLOUT RISK

Estimated 1985 Population: 3,343,422

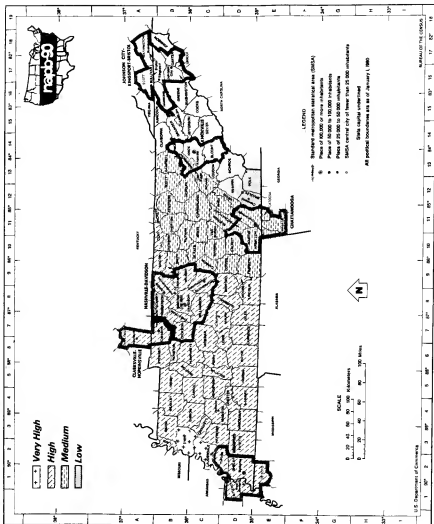
Land Area: 30,207 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Abbeville		22 919	508
Aiken		113 409	1 092
Allendale		10 904	413
Anderson		139 797	718
Bamberg		18 097	395
Barnwell		20 308	558
Beaufort		81 853	579
Berkley		11 431	380
Calhoun			
Charleston	291 814	938		.....		
Cherokee		41 186	396
Chester		30 992	580
Chesterfield		38 454	802
Clarendon		28 112	602
Colliton		33 866	1 052
Darlington		64 933	563
Dillon		32 316	406
Dorchester		17 809	490
Edgefield	73 846	575		20 805	685
Fairfield			
Florence		114 936	804
Georgetown		47 533	822
Greenville		303 866	795
Greenwood		60 352	451
Hampton		18 899	561

STATE OF SOUTH CAROLINA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Horry	126 279	1 143
Jasper	14 369	655
Kershaw	42 124	723
Lancaster	55 843	552
Laurens	53 481	712
Lee	18 510	411
Lexington	156 949	707
McCormick	7 183	350
Marion	34 924	493
Marlboro	32 459	483
Newberry	32 044	634
Oconee	51 780	629
Orangeburg	86 706	1 112
Pickens	85 403	499
Richland	282 019	762
Saluda	17 017	456
Spartanburg	209 163	814
Sumter	94 839	665
Union	30 826	515
Williamsburg	39 284	934
York	116 464	685
TOTAL STATE	---	---	291 814	938	191 165	1 683	2 860 443	27 586

FEMA Region 4 — TENNESSEE — Potential Fallout



STATE OF TENNESSEE - FALLOUT RISK

Estimated 1985 Population: 4,746,516
Land Area: 40,930 square miles

COUNTY	VERY HIGH RISK [CT 15000R]		HIGH RISK [EQ/CT 6000R LT 15000R]		MEDIUM RISK [EQ/CT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Anderson		69 607	339		
Bedford		28 701	475				
Benton		15 088	392				
Bledsoe		9 278	407		
Blount		81 926	558
Bradley		70 601	327
Campbell		35 490	479		
Cannon		10 725	266		
Carroll		28 302	600	.....		51 658	341
Carter			
Cheatham		23 557	303	.....		
Chester		12 837	289	.....		26 644	432
Claiborne			
Clay		8 061	227	.....		29 318	432
Cocke			
Coffee		40 569	429		
Crockett		13 895	266	.....		
Cumberland		31 190	682		
Davidson		487 241	501	.....		
Decatur		10 958	330	.....		
DeKalb		13 881	291		
Dickson		31 624	491	.....		
Dyer	33 920	520	.....		.....
Fayette		24 623	705	.....		
Fentress		15 603	498		

STATE OF TENNESSEE (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Franklin	33 382	543	.....	.....
Gibson	48 338	602	.....	.....	.....	.....
Giles	24 789	610	.....	.....	17 155	273
Granger	56 054	619
Greene
Grundy	14 085	361	59 098	156
Hamblen
Harditon	282 988	539	6 751	.....
Hancock
Hardeman	23 322	670	.....	.....	.....	.....
Hardin	22 314	578	.....	.....	45 137	486
Hawkins
Haywood	20 547	534	.....	.....	.....	.....
Henderson	21 854	520	.....	.....	.....	.....
Henry	29 023	560	.....	.....	.....	.....
Hickman	15 927	610	.....	.....	.....	.....
Houston	7 011	200	.....	.....	.....	.....
Humphreys	15 702	527	.....	.....	.....	.....
Jackson	9 146	308	35 027	266
Jefferson
Johnson	14 302	297
Knox	331 840	506
Lake	8 310	168	.....	.....	.....	.....
Lauderdale
Lawrence	24 256	475	.....	.....	.....	.....
Lewis	34 625	617	.....	.....	.....	.....
Lincoln	10 580	282	.....	.....	.....	.....
Loudon	26 229	571	.....	.....	30 719	235
McMinn	43 710	429
McNairy	23 337	562	.....	.....	.....	.....

STATE OF TENNESSEE (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Macon	15 667	307	.....	.....	.....	.....
Madison	76 858	558	.....	.....	.....	.....
Marion	24 502	512	.....	.....
Marshall	20 095	376	.....	.....	.....	.....
Maury	51 863	616	.....	.....	.....	.....
Meigs	7 787	189	.....	.....
Monroe	30 048	648
Montgomery	88 788	539	.....	.....	.....	.....
Moore	4 907	129	.....	.....	.....	.....
Morgan	17 290	523	.....	.....
Obion	32 980	550	.....	.....	.....	.....
Overton	18 095	433	.....	.....
Perry	6 427	412	.....	.....	.....	.....
Pickett	4 510	159	.....	.....
Polk	13 605	437
Putnam	50 464	399	.....	.....
Rhea	24 819	309	.....	.....
Roane	49 436	357	.....	.....
Robertson	38 717	476	.....	.....	.....	.....
Rutherford	97 308	605	.....	.....	.....	.....
Scott	20 635	528	.....	.....
Sequatchie	8 618	266	.....	.....
Sevier	47 229	590
Shelby	796 450	772	.....	.....	.....	.....
Smith	14 564	313	.....	.....
Stewart	9 154	454	.....	.....	.....	.....
Sullivan	145 705	415
Sumner	92 025	529	.....	.....	.....	.....
Tipton	35 021	454	.....	.....	.....	.....
Trousdale	5 488	114	.....	.....	.....	.....

STATE OF TENNESSEE (Continued)

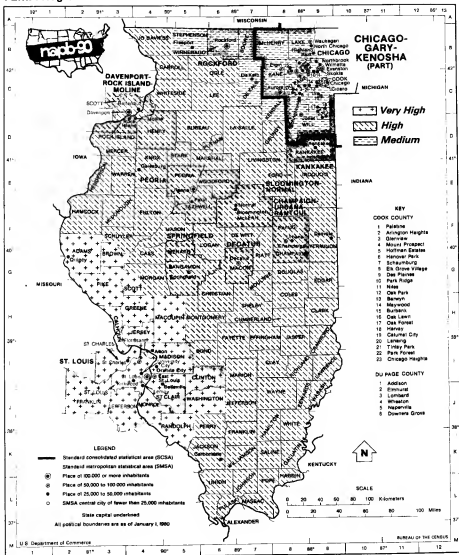
COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Unicol	16 911	186
Union	12 358	218
Van Buren	4 782	273		
Warren	33 436	431		
Washington	92 699	326
Wayne	14 115	734				
Weakley	33 395	581				
White	19 814	373		
Williamson	68 284	584				
Wilson	61 352	571				
TOTAL STATE	58 176	995	2 565 689	21 551	864 696	10 207	1 257 955	8 177

FEMA REGION V - FALLOUT RISK SUMMARY

Estimated 1985 Population: 45,687,087
Land Area: 323,545 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Illinois	812 787	7 676	3 000 057	41 187	7 744 412	6 723	---	---
Indiana	---	---	1 873 950	18 787	3 625 686	17 176	---	---
Michigan	---	---	128 678	5 140	8 902 100	51 879	---	---
Minnesota	489 329	32 604	3 691 902	46 943	---	---	---	---
Ohio	---	---	---	---	3 714 442	13 639	6 924 191	27 367
Wisconsin	---	---	253 343	7 882	4 526 210	46 542	---	---
TOTAL REGION V	1 302 116	40 280	8 947 930	119 939	28 512 850	135 959	6 924 191	27 367

FEMA Region 5 — ILLINOIS — Potential Fallout



STATE OF ILLINOIS - - FALLOUT RISK

Estimated 1985 Population: 11,557,256
Land Area: 55,586 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	70 543	852						
Alexander		11 799	236				
Bond		16 041	377				
Boone				28 123	282		
Brown	5 480	306	.....				
Bureau		37 832	869				
Calhoun	5 833	250						
Carroll		17 942	444				
Cass		14 387	374				
Champaign		170 697	998				
Christian		36 273	710				
Clark		16 728	505				
Clay		15 596	469				
Clinton	33 632	472						
Coles		52 388	509				
Cook		5 274 484	958		
Crawford		20 950	446				
Cumberland		10 918	346				
DeKalb		73 019	634		
DeWitt		17 938	397				
Douglas		19 563	417				
Du Page		711 968	337		
Edgar		21 269	623				
Edwards		8 235	223				
Effingham		31 633	478				

STATE OF ILLINOIS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Fayette		22 339	709				
Ford		14 938	486				
Franklin		43 111	414				
Fulton		40 582	871				
Gallatin		7 644	325				
Green	15 939	543						
Grundy		31 503	423				
Hamilton		9 224	436				
Hancock		23 650	795				
Hardin		5 474	181				
Henderson		9 159	373				
Henry		53 526	824				
Iriquois		32 535	1 118				
Jackson		61 293	590				
Jasper		11 497	496				
Jefferson		38 604	570				
Jersey	20 256	373						
Jo Daviess		23 263	603				
Johnson		10 149	346	298 217	524		
Kane							
Kankakee		99 413	678				
Kendall				36 647	322		
Knox		57 954	720				
Lake				465 841	454		
La Salle		108 455	1 139				
Lawrence		18 424	374				
Lee		33 826	725				
Livingston		40 686	1 046				
Logan		30 475	619				
McDonough		36 265	590				

STATE OF ILLINOIS (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
McHenry	158	605	607	
McLean	152 292	1 185				
Macoupin	127 873	581				
Madison	49 374	865						
	247 422	728						
Marion	44 925	573				
Marshall	13 787	388				
Mason	17 943	536				
Massac	14 850	241				
Menard	11 674	315				
Mercer	19 385	559				
Monroe	21 041	388						
Montgomery	32 096	705				
Morgan	37 146	568				
Moultrie	14 598	325				
Ogle	45 687	759				
Peoria	191 238	620				
Perry	22 442	442				
Piatt	16 400	439				
Pike	18 603	830						
Pope	4 345	374				
Pulaski	8 556	203				
Putnam	6 199	160				
Randolph	35 699	583						
Richland	18 653	360				
Rock Island	164 903	423				
St Clair	267 819	672						
Saline	28 808	385				
Sangamon	179 013	806				
Schuyler	8 028	436				

B-106

STATE OF ILLINOIS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Scott	5 978	251						
Shelby	23 698	747				
Stark	6 878	288				
Stephenson	49 795	564		
Tazewell	128 870	650				
Union	18 287	414				
Vermillion	92 625	900				
Wabash	14 342	224				
Warren	21 014	543				
Washington	15 168	563						
Wayne	18 799	715				
White	18 279	497				
Whiteside	63 783	682		
Will	334 477	844		
Williamson	59 035	427				
Winnebago	249 453	515		
Woodford	33 211	527				
TOTAL STATE	812 787	7 676	3 000 057	41 189	7 744 412	6 723	---	---

STATE OF INDIANA - - FALLOUT RISK

Estimated 1985 Population: 5,499,636
Land Area: 35,963 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams		29 889	340		
Allen		287 909	659		
Bartholomew		64 218	409		
Benton	10 004	407					
Blackford		15 552	166		
Boone		39 948	424				
Brown		12 489	312		
Carroll		19 420	372				
Cass		39 602	414				
Clark		89 700	376		
Clay		24 189	360				
Clinton		31 984	405				
Crawford		9 847	307		
Daviess		29 889	432				
Dearborn		37 278	307		
Decatur					
De Kalb		24 060	373		
Delaware		32 482	364		
Dubois		122 300	392		
Elkhart	35 783	429					
Fayette		143 394	466		
Floyd		27 786	215		
Fountain		63 461	150		
Franklin		18 929	398				
Fulton		21 208	385		
		18 858	369				

STATE OF INDIANA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Gibson		34 621	490				
Grant		78 305	415				
Greene		30 483	546				
Hamilton		90 684	398	44 449	307		
Hancock				
Harrison	28 777	486		
Hendricks		73 600	409				
Henry	49 438	395		
Howard		84 640	293				
Huntington		34 915	366				
Jackson	37 924	514		
Jasper		26 785	561				
Jay	21 544	384		
Jefferson	30 439	363		
Jennings	22 737	378		
Johnson	82 426	321		
Knox		43 254	520				
Kosciusko		62 293	540	28 018	380		
LaGrange	500 016	501		
Lake				
La Porte	106 674	600		
Lawrence	41 069	452		
Madison		132 788	453				
Marion	777 116	396		
Marshall		40 965	444				
Martin		10 811	339				
Miami		36 512	369				
Monroe	101 351	385		
Montgomery		35 828	505				
Morgan	53 958	409		

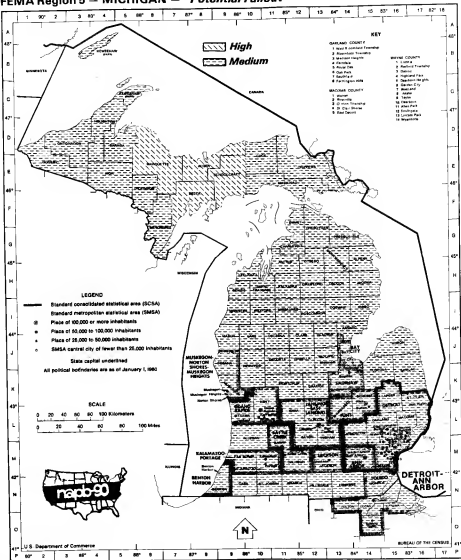
STATE OF INDIANA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Newton	14 572	401	.....	.....	.....	.....
Noble	36 347	413	.....	.....
Ohio	5 153	87	.....	.....
Orange	18 661	408	.....	.....
Owen	16 529	396	.....	.....	.....	.....
Parke
Perry	16 845	444	.....	.....	.....	.....
Pike	19 057	381	.....	.....	.....	.....
Porter	13 173	341	.....	.....	.....	.....
Posey	126 246	419	.....	.....
Pulaski	26 129	410	.....	.....	.....	.....
Putnam
Randolph	13 458	435	.....	.....	.....	.....
Ripley	30 660	482	.....	.....	.....	.....
Rush	28 234	454	.....	.....
St. Joseph	25 250	447	.....	.....
Scott	18 766	408	.....	.....
Shelby
Spencer	239 263	459	.....	.....
Starke	21 255	400	20 313	192	.....	.....
Stauben	20 993	309	40 382	412	.....	.....
Sullivan
Switzerland	25 018	308	.....	.....
Tippecanoe	20 798	452	.....	.....	.....	.....
Tipton	124 393	502	7 626	224	.....	.....
Union	15 688	261	.....	.....	.....	.....
Vanderburgh
Vermillion	168 196	263	6 746	163	.....	.....
Vigo	17 904	260	.....	.....	.....	.....
Wabash	109 571	405	.....	.....	.....	.....
Warrick	34 816	398	.....	.....	.....	.....

STATE OF INDIANA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Warren	8 969	366				
Warrick	45 743	391				
Washington	22 315	516		
Wayne	72 979	404		
Wells	24 878	370		
White	23 599	506				
Whitley	26 512	336				
TOTAL STATE	----	----	1 873 950	18 787	3 625 686	17 176	----	----

FEMA Region 5 — MICHIGAN — Potential Fallout



STATE OF MICHIGAN - - FALLOUT RISK

Estimated 1985 Population: 9,030,778
Land Area: 57,019 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Alcona	9 865	679		
Alger	8 715	912				
Allegan			84 857	832		
Alpena			31 164	568		
Antrim			16 919	480		
Arenac			15 260	368		
Baraga			8 276	901		
Barry			46 620	560		
Bay			116 484	447		
Benzie			11 105	322		
Berrien			160 914	576		
Branch			38 324	508		
Calhoun			136 813	712		
Cass			47 369	496		
Charlevoix			19 648	421		
Cheboygan			20 952	720		
Chippewa			28 740	1 590		
Clare			24 955	570		
Clinton			55 108	573		
Crawford			9 904	559		
Delta	39 551	1 173				
Dickinson			25 983	770		
Eaton			89 510	579		
Emmet			23 747	468		
Genesee			430 014	642		

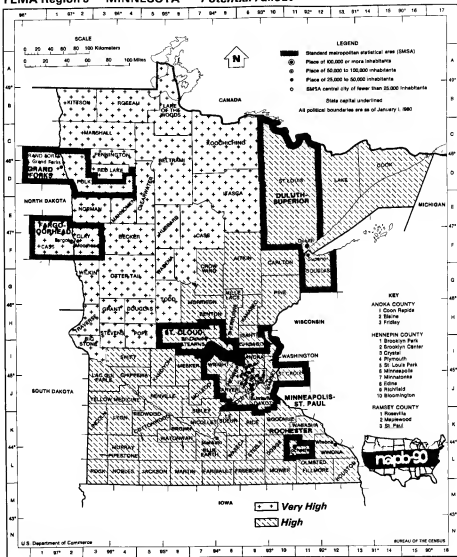
STATE OF MICHIGAN (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Gladwin	21 607	505		
Gogebic	19 217	1 105		
Grand Traverse	57 547	466		
Gratiot	39 574	570		
Hillsdale	41 565	603		
Houghton	38 148	1 014		
Huron	35 867	830		
Ingham	270 681	560		
Ionia	52 503	577		
Iosco	30 680	546		
Iron	14 100	1 163		
Isabella	54 659	576		
Jackson	143 728	705		
Kalamazoo	215 916	562		
Kalkaska	11 623	563		
Kent	465 963	862		
Keeweenaw	2 096	544		
Lake	8 593	568		
Lapeer	68 766	658		
Leelanau	14 462	341		
Lenawee	87 729	753		
Livingston	100 690	575		
Luce	5 790	905		
Mackinac	10 241	1 025		
Maconb	684 008	483		
Manistee	22 152	543		
Marquette	71 997	1 882				
Mason	26 439	495		
Macosta	37 282	560		
Memomine	25 896	1 045		

STATE OF MICHIGAN (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Midland	76 114	525	.....	.....
Missaukee	10 689	565	.....	.....
Monroe	130 040	557	.....	.....
Montcalm	50 284	713	.....	.....
Montmorency	7 813	550	.....	.....
Muskegon	155 184	507	.....	.....
Newaygo	36 547	847	.....	.....
Oakland	1 003 070	875	.....	.....
Oceana	21 979	541	.....	.....
Ogemaw	17 661	569	.....	.....
Ontonagon	9 630	1 311	.....	.....
Oscoda	20 422	569	.....	.....
Oscoda	6 914	568	.....	.....
Otsego	15 421	516	.....	.....
Ottawa	166 497	567	.....	.....
Presque Isle	13 781	656	.....	.....
Roscommon	18 544	528	.....	.....
Saginaw	216 774	815	.....	.....
St Clair	137 706	734	.....	.....
St Joseph	58 102	503	.....	.....
Sanilac	39 937	964	.....	.....
Schoolcraft	8 415	1 173	.....	.....	.....	.....
Shiawassee	67 929	541	.....	.....
Tuscola	54 830	812	.....	.....
Van Buren	66 432	612	.....	.....
Washtenaw	265 283	710	.....	.....
Wayne	2 148 063	615	.....	.....
Wexford	26 401	566	.....	.....
TOTAL STATE	----	----	128 678	5 140	8 902 100	51 879	----	----

FEMA Region 5 — MINNESOTA — Potential Fallout



STATE OF MINNESOTA - - FALLOUT RISK

Estimated 1985 Population: 4,181,231
Land Area: 79,547 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Aitkin	.....		13 615	1 834				
Anoka	.....		214 648	430				
Becker	29 238	1 312						
Beltrami	33 755	2 507						
Benton	.....		26 710	408				
Big Stone	7 694	497						
Blue Earth	.....		51 263	749				
Brown	.....		28 437	610				
Carlton	.....		30 176	864				
Carver	.....		39 822	351				
Cass	21 799	2 033						
Chippewa	.....		14 480	584				
Chicago	.....		28 024	417				
Clay	48 492	1 049						
Clearwater	8 958	1 000						
Cook	.....		4 068	1 412				
Cottonwood	.....		14 015	640				
Crow Wing	.....		43 714	1 008				
Dakota	.....		218 358	575				
Dodge	.....		15 445	439				
Douglas	29 249	644						
Fairbault	.....		18 552	714				
Fillmore	.....		21 505	862				
Freeborn	.....		35 034	705				
Goodhue	.....		39 373	763				

STATE OF MINNESOTA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Grant	6 899	547						
Hennepin	.....		969 049	541				
Houston	.....		18 852	564				
Hubbard	14 427	936						
Isanti	.....		25 121	440				
Itasca	42 784	2 661						
Jackson	.....		13 471	699				
Kanabec	.....		12 663	527				
Kandiyohi	.....		38 440	784				
Kittson	6 467	1 104						
Koochiching	16 344	3 108						
Lac Qui Parle	.....		10 177	772				
Lake	.....		11 624	2 053				
Lake of the Wood	3 775	1 296						
Le Sueur	.....		23 743	446				
Lincoln	.....		7 811	539				
Lyon	.....		25 402	714				
McLeod	.....		30 687	489				
Mahnomen	5 369	559						
Marshall	12 456	1 760						
Martin	.....		24 921	706				
Meeker	.....		21 191	624				
Miller	.....		18 965	578				
Mille Lacs	.....		30 289	1 124				
Morison	.....		39 199	711				
Mower	.....						
Murray	.....		10 926	702				
Nicollet	.....		27 475	440				
Nobles	.....		21 185	714				
Norman	8 628	877						
Olustad	.....		97 282	655				

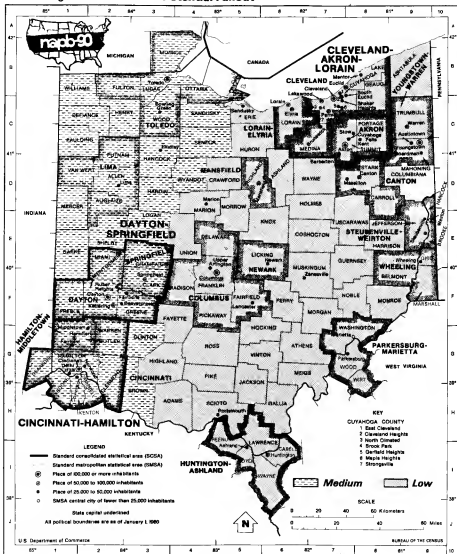
STATE OF MINNESOTA (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Otter Tail	52 568	1 973						
Pennington	13 745	618						
Pine	.....	.....	21 028	1 421				
Pipestone	.....	.....	11 155	466				
Polk	33 479	1 981						
Pope	11 767	668						
Ramsey	.....	.....	469 833	154				
Red Lake	5 145	433						
Redwood	.....	.....	19 036	881				
Renville	.....	.....	19 875	984				
Rice	.....	.....	47 643	501				
Rock	.....	.....	10 482	483				
Roseau	12 588	1 677						
St Louis	.....	.....	206 555	6 125				
Scott	.....	.....	47 955	357				
Sherburne	.....	.....	33 369	435				
Sibley	.....	.....	15 312	593				
Stearns	.....	.....	113 166	1 338				
Steele	.....	.....	29 841	431				
Stevens	10 574	560						
Swift	.....	.....	12 526	742				
Todd	25 886	941						
Traverse	5 391	575						
Wabasha	.....	.....	19 538	537				
Wadena	13 856	537						
Waseca	.....	.....	18 502	422				
Washington	.....	.....	125 448	390				
Watonwan	.....	.....	12 366	435				
Wilkin	7 996	751						
Winona	.....	.....	46 636	630				

STATE OF MINNESOTA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Wright	.....		62 769	672				
Yellow Medicine	.....		13 155	759				
TOTAL STATE	489 329	32 604	3 691 902	46 943	---	---	---	---

FEMA Region 5 — OHIO — Potential Fallout



STATE OF OHIO - - FALLOUT RISK

Estimated 1985 Population: 10,638,633
Land Area: 41,006 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams		24 825	586
Allen		46 416	424
Ashland	108 246	405		100 965	703
Ashtabula		58 385	508
Athens			
Auglaize	43 248	398			
Belmont		81 529	537
Brown	33 844	493			
Butler	267 089	465			
Carroll		27 213	393
Champaign			
Clark	33 387	429		11 603	534
Clermont	146 853	398		36 487	566
Clinton	138 508	456		48 719	403
Columbiana	34 895	410		1 451 045	459
Coshocton			
Crawford		38 008	414
Cuyahoga			
Darke	53 525	606			
Defiance			
Delaware		58 142	443
Erie		77 447	264
Fairfield		96 335	506
Payette		27 400	405
Franklin		899 877	542

STATE OF OHIO (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Fulton	38 575	407	30 092	471
Gallia	75 013	408
Geauga
Greene	129 410	415	.....	.....
Guernsey	41 304	522
Hamilton	861 633	412	.....	.....
Hancock	64 917	532	.....	.....
Hardin	31 387	471	.....	.....
Harrison	16 159	400
Henry	28 187	415	.....	.....
Highland
Hocking	34 376	553
Holmes	24 746	423
Huron	30 289	424
Jackson	55 072	495
Jefferson	29 753	420
Knox	86 780	410
Lake	47 613	529
Lawrence	216 175	231
Licking	62 576	456
Logan	124 764	686
Lorain	39 597	458	.....	.....
Lucas	462 017	341	270 340	495
Madison	34 949	467
Mahoning	279 136	417
Marion	66 049	403
Medina	116 655	422
Meigs	23 696	432
Mercer	38 647	457	.....	.....
Miami	88 976	410

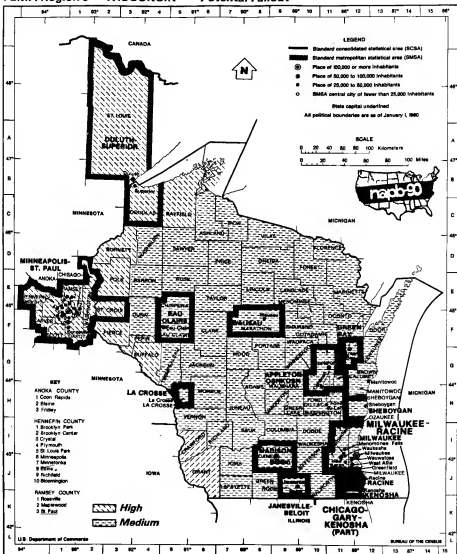
STATE OF OHIO (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Monroe	16 091	458
Montgomery	14 056	420
Morgan	561 738	436	26 564	406
Morrow	84 376	654
Muskingum	11 231	399
Noble	31 855	412
Ottawa	39 633	253	42 544	503
Paulding	20 507	419	24 296	443
Perry	137 910	493
Pickaway	128 552	497
Pike	68 139	692
Portage	84 422	614
Preble	38 517	426	376 852	574
Putnam	33 276	484	509 599	412
Richland	235 536	612
Ross	85 576	569
Sandusky	31 017	437
Scioto	61 918	409	11 473	414
Seneca	61 233	553	64 922	640
Shelby	43 360	409	100 270	557
Stark
Summit
Trumbull
Tuscarawas
Union
Van Wert	29 833	410	.....	.....
Vinton
Warren	103 313	403	.....	.....
Washington
Wayne

STATE OF OHIO (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Williams	36 158	422	.....	.....
Wood	108 636	619	.....	.....
Wyandot	22 355	406	.....	.....
TOTAL STATE	---	---	---	---	3 714 442	13 639	6 924 191	27 367

FEMA Region 5 — WISCONSIN — Potential Fallout



STATE OF WISCONSIN - - FALLOUT RISK

Estimated 1985 Population: 4,779,553
Land Area: 54,424 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	13 859	648	.....	.....
Ashland	17 248	1 048	.....	.....
Barron	39 553	865	.....	.....
Bayfield	14 400	1 462	.....	.....	.....	.....
Brown	182 756	524	.....	.....
Buffalo	14 572	699	.....	.....	.....	.....
Burnett	13 869	818	.....	.....	.....	.....
Calumet	33 511	326	.....	.....
Chippewa	53 660	1 017	.....	.....
Clark	34 020	1 218	.....	.....
Columbia	44 916	771	.....	.....
Crawford	16 679	566	335 264	1 205	.....	.....
Dane	76 135	887	.....	.....
Dodge	26 236	492	.....	.....
Door
Douglas	43 876	1 305	.....	.....	.....	.....
Dunn	34 908	853	.....	.....
Eau Claire	83 603	638	.....	.....
Florence	4 025	486	.....	.....
Fond du Lac	89 789	725	.....	.....
Forest	9 364	1 011	.....	.....
Grant	51 842	1 144	.....	.....
Green	30 446	583	.....	.....	.....	.....
Green Lake	19 281	357	.....	.....
Iowa	20 743	760	.....	.....

STATE OF WISCONSIN (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Iron	6 280	751	.....	.....
Jackson	16 607	998	.....	.....
Jefferson	66 968	562	.....	.....
Juneau	21 336	774	.....	.....
Kenosha	120 916	273	.....	.....
Kewaunee	20 184	343	.....	.....
La Crosse	93 613	457	.....	.....
Lafayette	17 175	634	.....	.....
Langlade	20 122	873	.....	.....
Lincoln	28 174	886	.....	.....
Manitowoc	83 201	594	.....	.....
Marathon	112 970	1 559	.....	.....
Marinette	40 352	1 395	.....	.....
Marquette	12 737	454	.....	.....
Menominee	3 832	359	.....	.....
Milwaukee	951 403	241	.....	.....
Monroe	36 025	904	.....	.....
Oconto	30 044	1 002	.....	.....
Oneida	31 238	1 130	.....	.....
Outagamie	133 891	642	.....	.....
Ozaukee	67 465	235	.....	.....
Pepin	7 643	231	.....	.....	.....	.....
Pierce	32 390	576	.....	.....	.....	.....
Polk	34 191	919	.....	.....	.....	.....
Portage	57 011	810	.....	.....
Price	16 777	1 256	.....	.....
Racine	173 954	334	.....	.....
Richland	17 627	585	.....	.....
Rock	138 419	724	.....	.....
Rusk	16 110	913	.....	.....

STATE OF WISCONSIN (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
St Croix		45 277	723				
Sauk				44 873	838		
Sawyer				14 310	1 255		
Shawano				36 820	897		
Shelbygan				102 389	515		
Taylor				18 660	975		
Trempealeau				26 132	736		
Vernon				26 772	808		
Vilas				17 750	867		
Walworth				70 757	556		
Washburn				13 767	815		
Washington				87 947	431		
Waukesha				286 077	554		
Waupaca				43 959	754		
Waushara				19 321	628		
Winnabago				133 994	449		
Wood				77 538	801		
TOTAL STATE	----	----	253 343	7 882	4 526 210	46 542	----	----

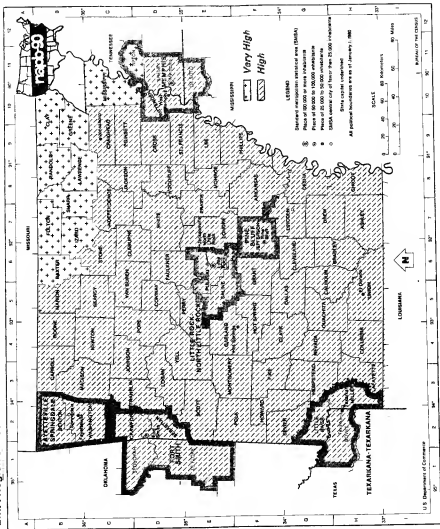
P E M A R E G I O N V I - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 28,140,362
Land Area: 548,583 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Arkansas	240 621	6 294	2 123 020	45 788	---	---	---	---
Louisiana	---	---	902 197	13 964	520 327	9 614	3 102 495	20 942
New Mexico	---	---	60 404	6 066	184 826	12 435	1 215 553	102 835
Oklahoma	72 601	2 661	1 666 762	30 051	1 625 556	35 944	---	---
Texas	---	---	126 824	2 882	4 188 147	45 076	12 111 029	214 031

TOTAL REGION VI 313 222 8 955 4 879 207 98 751 6 518 856 103 069 16 429 077 337 808

FEMA Region 6 — ARKANSAS — Potential Fallout



STATE OF ARKANSAS - - FALLOUT RISK

Estimated 1985 Population: 2,363,641
Land Area: 52,082 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Arkansas		24 025	1 006				
Ashley		26 615	934				
Baxter	30 117	546						
Benton		86 071	844				
Boone	28 115	584						
Bradley		13 434	654				
Calhoun		6 162	629				
Carroll		17 597	634				
Chicot		18 017	649				
Clark		23 166	867				
Clay	19 819	641						
Cleburne		19 153	551				
Cleveland		8 119	599				
Columbia		27 495	767				
Conway		19 479	558				
Craighead		63 470	713				
Crawford		40 173	593				
Crittenden		50 180	599				
Cross		20 753	622				
Dallas		11 014	668				
Desha		19 698	746				
Drew		17 946	831				
Faulkner		50 628	646				
Franklin		15 588	609				
Fulton	10 449	616						

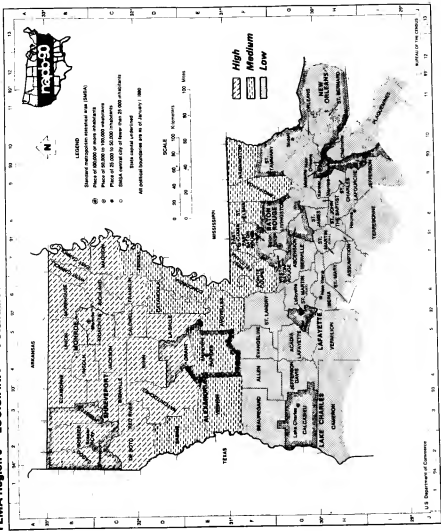
STATE OF ARKANSAS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Garland	74 774	657	.....	.....	.....	.....
Grant	13 183	633	.....	.....	.....	.....
Greene	31 370	578	.....	.....	.....	.....	.....	.....
Hempstead	23 615	725	.....	.....	.....	.....
Hot Spring	27 264	615	.....	.....	.....	.....
Howard	13 584	574	.....	.....	.....	.....
Independence	32 517	763	.....	.....	.....	.....
Isard	11 018	581	.....	.....	.....	.....	.....	.....
Jackson	21 479	633	.....	.....	.....	.....
Jefferson	90 496	882	.....	.....	.....	.....
Johnson	18 525	676	.....	.....	.....	.....
Lafayette	10 093	518	.....	.....	.....	.....
Lawrence	18 546	589	.....	.....	.....	.....	.....	.....
Lee	15 391	602	.....	.....	.....	.....
Lincoln	13 046	563	.....	.....	.....	.....
Little River	14 145	516	.....	.....	.....	.....
Logan	20 662	717	.....	.....	.....	.....
Lonoke	37 233	783	.....	.....	.....	.....
Madison	11 851	837	.....	.....	.....	.....
Marion	12 601	587	.....	.....	.....	.....
Miller	39 656	619	.....	.....	.....	.....
Mississippi	59 199	897	.....	.....	.....	.....	.....	.....
Monroe	13 383	609	.....	.....	.....	.....
Montgomery	7 782	775	.....	.....	.....	.....
Nevada	10 970	620	.....	.....	.....	.....
Newton	8 207	823	.....	.....	.....	.....
Ouachita	33 443	737	.....	.....	.....	.....
Perry	7 924	551	.....	.....	.....	.....
Phillips	33 653	685	.....	.....	.....	.....
Pike	10 051	598	.....	.....	.....	.....

STATE OF ARKANSAS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Poinsett	25 939	762				
Polk	17 508	860				
Pope	42 387	820				
Prairie	10 052	656				
Pulaski	352 946	767				
Randolph	16 315	656						
St Francis	31 547	639				
Saline	56 244	725				
Scott	9 906	897				
Searcy	8 941	668				
Sebastian	97 960	535				
Sevier	14 471	560				
Sharp	15 673	606						
Stone	9 766	606				
Union	49 350	1 053				
Van Buren	15 337	709				
Washington	104 872	951				
White	52 827	1 040				
Woodruff	10 516	592				
Yell	18 140	931				
TOTAL STATE	240 621	6 294	2 123 020	45 788	---	---	---	---

FEEMA Region 6 – LOUISIANA – Potential Fallout



STATE OF LOUISIANA - - FALLOUT RISK

Estimated 1985 Population: 4,525,019
Land Area: 44,520 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Acadia	59 861	657
Allen	21 908	766
Ascension	58 862	296
Assumption	23 808	342
Avoyelles	43 773	846	.....	.....
Beauregard	32 564	1 163
Bienvenue	16 855	815	.....	.....	.....	.....
Bossier	90 980	845	.....	.....	.....	.....
Caddo	276 755	894	.....	.....	.....	.....
Calcasieu	176 853	1 081
Calwell	11 466	541	.....	.....	.....	.....
Cameron	10 180	1 417
Catahoula	12 760	732	.....	.....
Claiborne	18 483	765	.....	.....	.....	.....
Concordia	23 966	717	.....	.....
De Soto	27 693	880	.....	.....	.....	.....
East Baton Rouge	397 601	458
East Carroll	11 376	426	.....	.....	.....	.....
East Feliciana	20 727	455	.....	.....
Evangeline	35 372	667
Franklin	24 409	636	.....	.....	.....	.....
Grant	18 370	653	.....	.....	.....	.....
Iberia	70 124	589
Iberville	33 300	637
Jackson	17 125	578	.....	.....	.....	.....

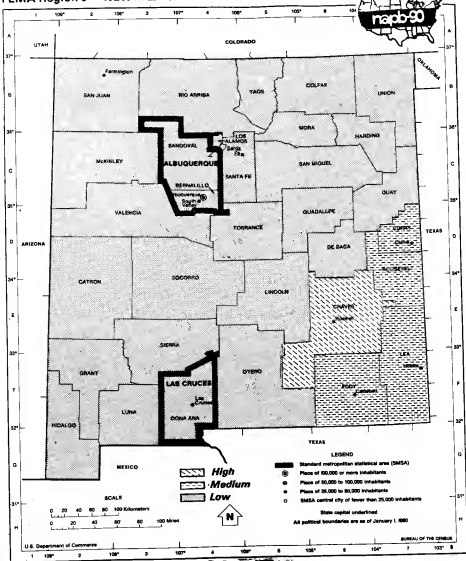
STATE OF LOUISIANA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Jefferson	479 824	347
Jefferson Davis	33 174	655
Lafayette	175 046	270
Lafourche	99 854	1 141
LaSalle	17 629	638	.....	.....	.....	.....
Lincoln	43 102	472	.....	.....	71 703	661
Livingston
Madison	15 430	631	.....	.....	.....	.....
Morehouse	35 796	807	.....	.....	40 047	1 264
Natchitoches
Orleans	559 384	199
Ouachita	143 485	627	.....	.....	26 882	1 035
Plaquemines
Pointe Coupee	24 933	566	.....	.....
Rapides	139 793	1 341	.....	.....
Red River	10 989	394	.....	.....	.....	.....
Richland	22 884	563	.....	.....	.....	.....
Sabine	27 588	855	68 168	486
St Bernard	42 789	286
St Charles
St Helena	10 406	409	22 121	248
St James	41 836	213
St John Baptist	90 161	936
St Landry	47 258	749
St Martin
St Mary	65 424	613
St Tammany	142 182	873
Tangipahoa	93 622	783	.....	.....
Tensas	8 292	623	.....	.....
Terrebonne	103 873	1 367

STATE OF LOUISIANA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Union		22 551	884				
Vermillion		54 232	1 205		
Vernon		62 258	1 332
Washington		46 376	676		
Webster		45 935	602				
West Baton Rouge		20 678	194
West Carroll		13 224	360				
West Feliciana		13 859	406		
Winn		17 660	953				
TOTAL STATE	---	---	902 197	13 964	520 327	9 614	3 102 495	20 942

FEMA Region 6 — NEW MEXICO — Potential Fallout



STATE OF NEW MEXICO -- FALLOUT RISK

Estimated 1985 Population: 1,460,783
Land Area: 121,336 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R-]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Bernalillo		456 640	1 169
Catron		2 781	6 929
Chaves		13 280	3 762
Colfax			
Curry			
					44 347	1 408		
DeBaca		2 278	2 323
Dona Ana		116 120	3 819
Eddy			
Grant		55 403	4 184	27 992	3 969
Guadalupe		4 448	3 032
Harding		946	2 122
Hidalgo		6 462	3 445
Lea			
Lincoln		68 068	4 390	14 173	4 832
Los Alamos		19 396	109
Luna		16 846	2 965
McKinley		62 558	5 442
Mora		4 909	1 930
Otero		50 681	6 626
Quay		10 634	2 874
Rio Arriba		32 805	5 856
Roosevelt		17 008	2 453	35 678	3 707
Sandoval		99 037	5 522
San Juan		24 909	4 709
San Miguel			

STATE OF NEW MEXICO (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Santa Fe	82 898	1 905
Sierra	9 058	4 178
Socorro	15 027	6 625
Taos	21 094	2 204
Torrance	8 397	3 335
Union	5 531	3 830
Valencia	70 875	5 616
TOTAL STATE	---	---	60 404	6 066	184 826	12 435	1 215 553	102 835

STATE OF OKLAHOMA - - FALLOUT RISK

Estimated 1985 Population: 3,364,919
Land Area: 68,656 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adair		20 474	577				
Alfalfa		7 148	864				
Atoka		13 806	980				
Beaver				7 451	1 808		
Betham				28 439	904		
Blaine							
Bryan				14 513	920		
Caddo				32 184	902		
Canadian				34 998	1 286		
Carter				71 951	902		
Cherokee				47 692	827		
Choctaw		34 575	748				
Cimarron		16 400	763				
Cleveland				4 046	1 842		
Coal		5 816	520	160 572	529		
Comanche							
Cotton				121 146	1 076		
Craig		15 333	763	6 987	656		
Creek		72 149	930				
Custer				36 008	981		
Delaware		28 310	720				
Dewey							
Ellis				6 721	1 007		
Garfield				6 483	1 232		
Garvin		66 024	1 060				
				31 029	813		

STATE OF OKLAHOMA (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Grady		46 202	1 106		
Grant	6 713	1 004	.....		7 290	638		
Greer		4 422	537		
Harmon		4 839	1 039		
Harper					
Haskell		11 927	570				
Hughes		15 085	805	30 803	817		
Jackson		8 759	769		
Jefferson		10 912	639		
Johnston					
Kay	53 759	921	.....		16 877	906		
Kingfisher		12 812	1 019		
Kiowa					
Latimer		10 152	728				
Le Flore		43 438	1 585				
Lincoln		30 539	964				
Logan		31 357	748	8 154	519		
Love		25 247	581		
McClain					
McCurtain		35 933	1 826				
McIntosh		17 305	599				
Major		9 516	958		
Marshall		11 460	372		
Mayes		35 187	644				
Murray		13 473	420		
Muskogee		70 748	815				
Noble	12 129	736	.....				
Nowata		11 552	541				
Oklfuskee		12 082	628				
Oklahoma		635 696	708		

STATE OF OKLAHOMA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK -AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Okmulgee	40 403	698				
Osage	42 658	2 264				
Ottawa	33 882	465				
Pawnee	17 176	551				
Payne	65 992	691				
Pittsburg	43 109	1 251				
Pontotoc			34 762	717		
Pottawatomie	62 945	783				
Pushmataha	11 880	1 417				
Roger Mills			6 385	1 146		
Rogers	55 007	683				
Seminole	29 055	639				
Sequoyah	33 645	678				
Stephens			46 259	885		
Texas			18 201	2 040		
Tillman			11 650	904		
Tulsa	519 654	571				
Wagoner	52 032	559				
Washington	52 984	423				
Washita			17 419	1 006		
Woods			10 827	1 291		
Woodward			23 371	1 242		
TOTAL STATE	72 601	2 661	1 666 762	30 051	1 625 556	35 944	---	---

STATE OF TEXAS - - FALLOUT RISK

Estimated 1985 Population: 16,426,000
Land Area: 261,989 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [BQ/GT 6000R LT 15000R]		MEDIUM RISK [BQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Anderson		47 651	1 077
Andrews		16 609	1 501
Angelina		69 361	807
Aransas		17 801	280
Archer		8 179	907
Armstrong	1 937	.....	910		
Atrascosa		28 715	1 218
Austin		21 150	656
Bailey		8 227	827
Bandera		8 732	793
Bastrop	32 710	.....	895		
Baylor		5 126	862
Bee		29 378	880
Bell		169 465	1 055
Bexar		1 117 869	1 248
Blanco		5 508	714
Borden		1 003	900
Bosque		14 289	989
Bowie	80 151	.....	891		
Brazoria		190 191	1 407
Brazos		123 285	588
Brewster		8 213	6 169
Briscoe		2 266	887
Brooks		9 279	942
Brown		36 336	936

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Burleson	15 937	668
Burnet	22 587	994
Calwell	27 133	546
Calhoun	22 997	540
Callahan	13 009	899	.....	.....
Cameron	248 893	905
Camp	10 465	203
Carson	7 188	924	.....	.....
Cass	30 977	937	.....	.....	.....	.....	.....
Castro	10 177	899
Chambers	20 132	616
Cherokee	39 769	1 052
Childress	6 452	707	.....	.....
Clay	9 871	1 085	.....	.....
Cochran	4 732	775
Coke	3 706	908
Coleman	10 468	1 277
Collin	187 101	851	.....	.....
Collingsworth	4 072	909	.....	.....
Colorado	20 306	964
Comal	44 827	555
Comanche	13 217	930
Concho	2 977	992
Cooke	29 097	893	.....	.....
Coryell	58 932	1 057
Cottle	2 633	895
Crane	5 350	782
Crockett	5 035	2 806
Crosby	8 432	898
Culberson	3 509	3 815

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Dallas	6 796	1 505
Dallas	17 059	903
Dawson	20 205	1 497
Deaf Smith
Delta	4 944	279	.....	.....
Denton
De Witt	174 001	911
Dickens	20 656	910
Dimmit	3 090	907
Donley	12 065	1 307
Duval	4 208	929	.....	.....
Eastland	13 548	1 795
Ector	21 466	924
Edwards	151 738	903
Ellis	2 168	2 102
El Paso	69 192	939
El Paso	538 075	1 014
Erath	24 905	1 080
Falls	18 274	770
Fannin	24 681	895	.....	.....
Fayette	20 407	950
Fisher	5 741	897
Floyd	8 802	992
Foard	1 849	703
Fort Bend	191 398	876
Franklin	7 415	294	.....	.....
Freestone	17 218	888
Frio	14 644	1 133
Gaines	14 581	1 504
Galveston	220 241	399
Garza	5 720	895

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Gillespie		15 622	1 061
Glasscock		1 251	900
Goliad		5 897	859
Gonzales		19 081	1 068
Gray		27 503	921		
Grayson		95 891	934		
Gregg		114 058	273		
Grimes		17 968	799
Guadalupe		54 862	713
Hale		37 243	1 005
Hall		4 963	876
Hamilton		8 136	836
Hansford		6 590	921		
Hardeman		6 589	688		
Hardin		44 075	898
Harris		2 831 639	1 734
Harrison		58 471	908		
Hartley		3 633	1 462
Haakell		7 515	901
Hays		51 765	678
Hemphill		6 418	903		
Henderson		52 080	888
Hidalgo		350 518	1 569
Hill		27 335	968
Hockley		24 809	908
Hood		25 815	425
Hopkins		28 369	789		
Houston		23 673	1 234
Howard		38 311	901
Hudspeth		2 620	4 566

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Hunt		65 278	840		
Hutchinson		30 287	871	1 800	1 052
Irion				7 639	920
Jack				13 946	844
Jackson					
Jasper				32 469	921
Jeff Davis				1 770	2 258
Jefferson				260 403	937
Jim Hogg				5 464	1 136
Jim Wells				40 710	867
Johnson					
Jones		18 960	931	85 375	731
Karnes		13 498	753		
Kaufman				49 484	788
Kendall				13 788	663
Kenedy				485	1 389
Kent				1 100	878
Kerr				33 638	1 107
Kimble				4 297	1 250
King				430	914
Kinney				2 407	1 359
Kleberg				34 983	853
Knox				5 583	845
Lamar		44 953	919		
Lamb				17 077	1 013
Lampasas					
La Salle				13 753	714
Lavaca				5 960	1 517
Lee				18 238	971
Leon				14 220	631
				11 710	1 078

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Liberty		55 859	1 174
Limestone		21 699	931
Lipscomb		4 310	933		
Live Oak		9 872	1 057
Llano		12 072	939
Loving		75	671
Lubbock		220 637	900
Lynn		7 934	888
McCulloch		8 849	1 071
McLennan		184 912	1 031
McMullen		934	1 163
Madison		12 236	473
Marion	10 734	385			
Martin		5 451	914
Mason		3 526	934
Matagorda		37 618	1 127
Maverick		36 420	1 287
Medina		25 049	1 331
Menard		2 408	902
Midland		121 309	902
Milan		23 556	1 019
Mills		4 590	748
Mitchell		9 286	912
Montague	18 758	928			
Montgomery		168 161	1 047
Moore	17 728	905		
Morris	15 523	256		
Motley		1 820	959
Nacogdoches		51 584	939
Navarro		39 336	1 068

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Newton		13 436	935
Noian		18 011	915
Nueces		305 867	847
Ochiltree			
Oldham		11 484	919		
Orange		2 436	1 485
Palo Pinto		91 432	362
Panola		26 765	949
Parker		23 148	812		
Parmer		54 135	902
Pecos		10 776	885
Polk		17 658	4 776
Potter		30 680	1 061
Presidio		108 666	902		
Rains		5 979	243	5 405	3 857
Randall			
Reagan		85 692	917		
Real		5 065	1 173
Red River		2 784	697
Reeves		15 696	1 054		
Refugio		15 924	2 626
Roberts		9 225	771
Robertson		1 062	915		
Rockwall		16 266	864
Runnels		20 181	128		
Rusk		12 504	1 056
Sabine		44 629	932		
San Augustine		9 975	486
San Jacinto		8 887	524
San Patricio		14 075	572
		64 171	693

STATE OF TEXAS (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
San Saba	6 003	1 136
Schleicher	3 314	1 309
Scurry	20 589	900
Shackelford	4 096	915		
Shelby	24 040	791		
Sherman	3 235	923		
Smith	148 646	932		
Somervell	4 528	188
Starr	33 795	1 226
Stephens	10 829	894
Sterling	1 641	923
Stonewall	2 466	925
Sutton	5 948	1 455
Swisher	8 860	902
Tarrant	1 047 540	868
Taylor	126 136	917		
Terrill	1 465	2 357
Terry	15 475	886
Throckmorton	2 384	912
Titus	23 389	412		
Tom Green	98 791	1 515
Travis		
Trinity	518 971	989	11 631	692
Tyler	18 854	922
Uphur	33 233	587		
Upton		
Uvalde	5 783	1 243
Val Verde	24 016	1 564
Van Zandt	41 253	3 150		
Victoria	37 028	855
	75 901	887

STATE OF TEXAS (Continued)

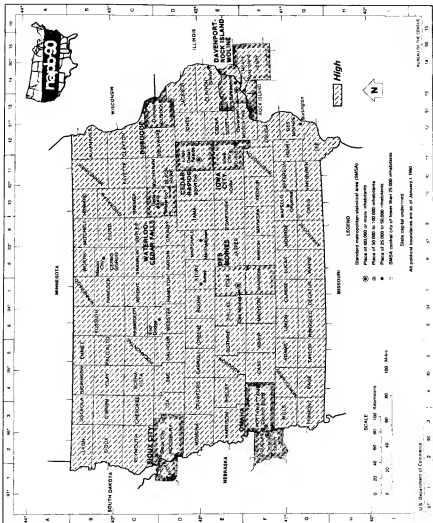
COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Walker		52 221	786
Waller		24 262	514
Ward		16 495	836
Washington		25 426	610
Webb		122 888	3 363
Wharton		41 409	1 086
Wheeler		8 502	905
Wichita		127 426	606
Wilbarger		16 904	947
Willacy		18 857	569
Williamson		101 812	1 137
Wilson		18 710	807
Winkler		11 236	840
Wise		31 679	902
Wood		27 986	689
Yoakum		9 654	800
Young		20 063	919
Zapata		8 344	999
Zavala		12 247	1 289
TOTAL STATE	---	---	126 824	2 882	4 188 147	45 076	12 111 029	214 031

FEMA REGION VII -- FALLOUT RISK SUMMARY

Estimated 1985 Population: 11,925,241
Land Area: 282,971 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Iowa	---	---	2 906 939	55 964	---	---	---	---
Kansas	1 107 419	39 999	1 259 879	31 295	87 635	10 498	---	---
Missouri	3 339 896	43 945	1 628 662	24 631	---	---	---	---
Nebraska	429 634	56 943	1 185 177	19 696	---	---	---	---
TOTAL REGION VII	4 876 949	140 887	6 980 657	131 586	87 635	10 498	---	---

FEMA Region 7 — IOWA — Potential Fallout



STATE OF IOWA - - FALLOUT RISK

Estimated 1985 Population: 2,906,939
Land Area: 55,964 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adair		9 171		569			
Adams		5 535		425			
Allamakee		15 188		633			
Appanoose		14 710		498			
Audubon		8 169		444			
Benton		22 898		719			
Black Hawk		136 865		573			
Boone		25 946		573			
Bremer		24 669		439			
Buchanan		22 900		572			
Buena Vista		21 016		575			
Butler		17 310		582			
Calhoun		12 866		571			
Carroll		22 915		570			
Cass		17 077		565			
Cedar		18 790		582			
Cerro Gordo		48 580		569			
Cherokee		15 621		577			
Chickasaw		15 018		505			
Clarke		8 787		431			
Clay		19 165		569			
Clayton		21 245		778			
Clinton		55 532		695			
Crawford		19 448		714			
Dallas		29 750		591			

STATE OF IOWA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Davis	9 276	504				
Decatur	9 232	535				
Delaware	19 169	578				
Des Moines	44 964	414				
Dickinson	15 710	381				
Dubuque	91 209	607				
Emmet	12 838	394				
Fayette	24 668	731				
Floyd	18 980	502				
Franklin	12 521	583				
Fremont	9 238	515				
Greene	11 579	571				
Grundy	13 743	501				
Guthrie	11 507	590				
Hamilton	17 290	576				
Hancock	13 559	571				
Hardin	21 564	569				
Harrison	15 855	698				
Henry	18 755	436				
Howard	10 877	473				
Humboldt	11 972	437				
Ida	8 852	432				
Iowa	15 135	587				
Jackson	22 405	638				
Jasper	36 039	731				
Jefferson	16 445	440				
Johnson	85 664	614				
Jones	20 530	576				
Kaokuk	12 511	580				
Kossuth	21 303	974				

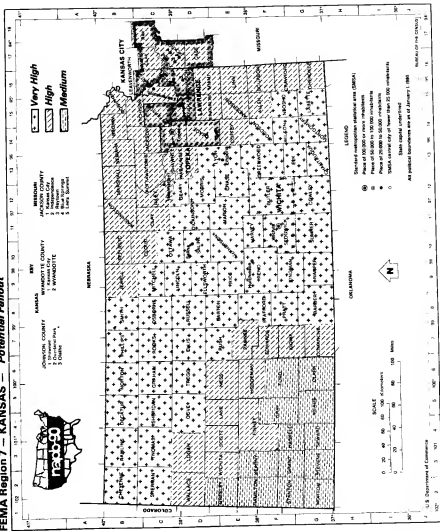
STATE OF IOWA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Lee	42 782	522				
Linn	169 437	724				
Louis	12 205	402				
Lucas	10 127	432				
Lyon	12 755	586				
Madison	12 297	563				
Mahaska	23 124	571				
Marion	30 300	560				
Marshall	41 544	573				
Mills	13 842	439				
Mitchell	11 817	469				
Monona	11 292	697				
Montrose	8 779	434				
Montgomery	13 273	424				
Muscatine	42 285	442				
O'Brien	16 817	572				
Osceola	8 173	398				
PAGE	18 930	535				
Palo Alto	12 148	562				
Plymouth	24 479	864				
Pocahontas	10 841	577				
Polk	313 620	582				
Pottawattamie	88 306	953				
Poweshiek	18 716	585				
Ringgold	5 797	536				
Sac	13 394	576				
Scott	161 427	459				
Shelby	14 675	591				
Sioux	31 399	769				
Story	73 036	574				

STATE OF IOWA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Tama	18 964	722				
Taylor	8 297	537				
Union	13 855	426				
Van Buren	8 281	484				
Wapello	39 386	434				
Warren	35 956	573				
Washington	20 041	570				
Wayne	7 837	527				
Webster	43 236	718				
Winnebago	12 850	401				
Winneshek	22 264	690				
Woodbury	101 027	873				
Worth	8 906	401				
Wright	15 861	578				
TOTAL STATE	----	----	2 906 939	55 964	----	----	----	----

FEEMA Region 7 – KANSAS – Potential Fallout



STATE OF KANSAS - - FALLOUT RISK

Estimated 1985 Population: 2,454,933
Land Area: 81,792 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Allen	.....		16 160	505				
Anderson	.....		8 867	583				
Atchison	.....		17 964	431				
Barber	.....		7 351	1 136				
Barton	33 523	895						
Bourbon	.....		15 817	638				
Brown	.....		11 663	571				
Butler	47 629	1 443						
Chase	3 324	777						
Chautauqua	4 937	644						
Cherokee	.....		22 307	590				
Cheyenne	3 687	1 021			2 726	976		
Clark	.....						
Clay	.....		9 546	632				
Cloud	.....		12 024	718				
Coffey	.....		10 139	615				
Comanche	.....		2 592	790				
Cowley	37 379	1 128						
Crawford	.....		38 049	595				
Decatur	4 658	894						
Dickinson	19 972	852						
Doniphan	.....		9 005	388				
Douglas	.....		70 265	461				
Edwards	.....		4 107	620				
Elk	3 635	650						

STATE OF KANSAS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Ellis	29 004	900						
Ellsworth	6 362	717						
Finney	.....		30 041	1 302				
Ford	.....		.....		26 636	1 099		
Franklin	.....		22 337	577				
Geary	29 329	377						
Gove	3 688	1 072						
Graham	4 256	898						
Grant	.....				6 782	575		
Gray	.....				5 373	868		
Grealey	.....				1 917	778		
Greewood	8 732	1 135						
Hamilton	.....				2 499	998		
Harper	7 767	802						
Harvey	31 144	541						
Haskell	.....				3 876	578		
Hodgeman	.....		2 265	860				
Jackson	.....		11 502	658				
Jefferson	.....		16 072	536				
Jewell	.....		4 396	916				
Johnson	.....		302 948	478				
Kearny	.....		.....		3 901	868		
Kingman	9 141	866						
Kiowa	.....		4 011	723				
Labette	25 690	653						
Lane	.....		2 560	717				
Leavenworth	.....		58 999	463				
Lincoln	3 771	720						
Linn	.....		8 342	601				
Logan	.....		3 458	1 073				

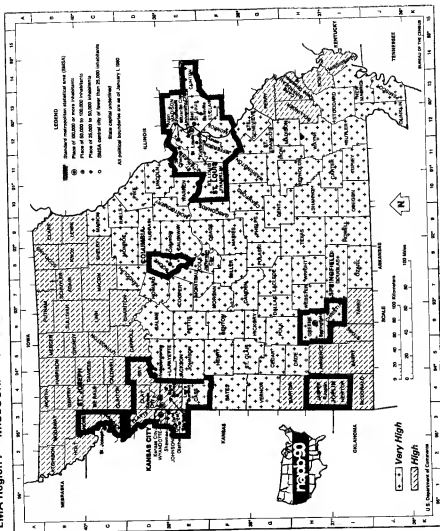
STATE OF KANSAS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Lyon	38 382	844						
McPherson	27 785	900						
Marion	13 316	944						
Marshall			13 157	878				
Meade					4 652	979		
Miami								
Mitchell	7 879	717	22 370	590				
Montgomery	42 372	646						
Morris	6 294	693						
Morton					3 551	731		
Nemaha								
Neosho			11 148	719				
Ness	19 665	576						
Norton			4 719	1 075				
Osage	6 530	873						
			16 345	695				
Osborne	5 677	882						
Ottawa	5 823	721						
Pawnee			8 369	755				
Phillips	7 276	887						
Pottawatomie			15 954	828				
Pratt								
Rawlins			11 255	735				
Reno	3 990	1 069						
Republic	64 889	1 259						
Rice			7 034	719				
	11 669	728						
Riley								
Rooks			63 181	593				
Rush	6 958	888						
Russell	4 427	718						
Saline	9 344	869						
	50 557	721						

STATE OF KANSAS (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Scott	.....		5 905	717				
Sedgwick	385 098	1 007	.....		18 408	640		
Seward	.....		.....		.....
Shawnee	.....		160 006	549				
Sheridan	3 435	896	.....				
Sherman	7 425	1 057	.....				
Smith	5 576	897	.....				
Stafford	.....		5 886	788	2 451	681		
Stanton	.....		.....		4 863	727		
Stevens	.....		.....		.....
Sumner	25 457	1 184	.....				
Thomas	9 160	1 075	.....				
Trego	4 428	890	.....				
Wabaunsee	.....		6 775	797				
Wallace	.....		2 075	914				
Washington	.....		7 890	898				
Wichita	.....		2 684	719				
Wilson	11 722	575	.....				
Woodson	4 657	498	.....				
Wyandotte	.....		172 339	149				
TOTAL STATE	1 107 419	39 999	1 259 879	31 295	87 635	10 498	---	---

FEMA Region 7 — MISSOURI — Potential Fallout



STATE OF MISSOURI - - FALLOUT RISK

Estimated 1985 Population: 4,968,558
Land Area: 68,576 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adair	.....		25 447	567				
Andrew	.....		15 285	436				
Atchison	.....		8 640	542				
Audrain	25 774	697						
Barry	.....		26 082	773				
Barton	.....		11 620	597				
Bates	15 991	849						
Benton	12 507	729						
Bollinger	.....		10 414	621				
Boone	107 479	687						
Buchanan	.....		86 001	409				
Butler	38 514	698						
Caldwell	.....		8 099	431				
Callaway	33 202	542						
Camden	23 226	641						
Cape Girardeau	.....		60 804	577				
Carroll	.....		11 543	695				
Carter	5 705	509						
Cass	55 154	702						
Cedar	12 412	471						
Chariton	.....		10 258	758				
Christian	24 655	564						
Clark	.....		8 254	507				
Clay	.....		138 910	403				
Clinton	.....		16 139	423				

STATE OF MISSOURI (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Cole	61 687	392						
Cooper	14 592	566						
Crawford	19 043	744						
Dade	7 533	491						
Dallas	12 760	543						
Davies	.....	.....	8 648	568				
Dekalb	.....	.....	8 127	425				
Dent	14 934	755						
Douglas	12 608	814						
Dunklin	35 924	547						
Franklin	74 755	922						
Gasconade	13 677	521						
Gentry	.....	.....	7 919	493				
Greene	194 885	678						
Grundy	.....	.....	11 542	437				
Harrison	.....	.....	9 919	725				
Henry	19 582	729						
Hickory	7 044	379						
Holt	.....	.....	6 649	456				
Howard	9 972	464						
Howell	30 461	927						
Iron	11 542	552						
Jackson	.....	.....	634 530	611				
Jasper	.....	.....	89 889	641				
Jefferson	158 515	661						
Johnson	38 244	834						
Knox	.....	.....	5 277	507				
LaCade	26 106	768						
Lafayette	30 315	632						
Lawrence	.....	.....	30 322	614				

STATE OF MISSOURI (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Lewis	.....	.....	11 165	508				
Lincoln	24 138	627						
Linn	.....	.....	15 542	620				
Livingston	.....	.....	15 532	537				
McDonald	.....	.....	15 830	541				
Macon	.....	.....	17 010	797				
Madison	11 008	497						
Maries	7 896	528						
Marion	29 304	438						
Mercer	.....	.....	4 597	454				
Miller	20 308	593						
Mississippi	.....	.....	15 770	410				
Moniteau	.....	.....	12 906	417				
Monteau	9 699	670						
Montrose	11 566	540						
Montgomery								
Morgan	15 540	594						
New Madrid	22 345	658						
Newton	.....	.....	43 026	627				
Rodaway	.....	.....	22 573	875				
Oregon	10 036	792						
Osage	12 200	606						
Ozark	8 858	731						
Pemiscot	24 155	517						
Perry	.....	.....	17 125	473				
Pettis	35 726	686						
Phelps	35 514	674						
Pike	16 953	673						
Platte	.....	.....	49 863	421				
Polk	20 220	636						
Pulaski	44 051	550						

STATE OF MISSOURI (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Putnam	.....	.....	5 850	520				
Saline	9 076	481						
Randolph	26 165	477	21 878	568				
Ray	.....	.....				
Reynolds	7 162	808						
Ripley	12 767	632						
St Charles	186 248	558						
St Clair	8 667	698						
Ste Genevieve	15 238	504						
St Francois	43 670	451						
St Louis	990 381	505						
Saline	25 067	755						
Schuyler	.....	.....	4 721	308				
Scotland	.....	.....	5 278	439				
Scott	.....	.....	40 428	423				
Shannon	8 095	1 004						
Shelby	.....	.....	7 652	501				
Stoddard	28 536	818	17 337	451				
Stone	.....	.....	7 134	651				
Sullivan	.....	.....				
Taney	.....	.....	24 151	608				
Texas	21 640	1 108						
Vernon	19 850	837						
Warren	16 799	429						
Washington	18 661	762						
Wayne	11 804	763						
Weber	21 915	594	2 968	266				
Worth	.....	.....				
Wright	16 431	682						
St Louis (City)	423 409	61						
TOTAL STATE	3 339 896	43 945	1 628 662	24 631				



STATE OF NEBRASKA - FALLOUT RISK

Estimated 1985 Population: 1,614,811
Land Area: 76,639 square miles

COUNTY	VERY HIGH RISK [GT 15000R] POPULATION	AREA	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	AREA	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	AREA	LOW RISK [LT 3000R] POPULATION	AREA
Adams	.....		31 141		564			
Antelope	8 726	859						
Arthur	475	710						
Banner	1 084	747						
Blaine	775	714						
Boone	7 343	687						
Box Butte	14 324	1 077						
Boyd	3 325	532						
Brown	4 287	1 214						
Buffalo	38 764	946						
Burt	.....		8 741		486			
Butler	.....		9 138		584			
Cass	.....		21 808		557			
Cedar	.....		11 255		740			
Chase	4 924	893						
Cherry	6 867	5 961						
Cheyenne	10 046	1 196						
Clay	.....		7 815		574			
Colfax	.....		9 545		410			
Cuming	.....		11 447		575			
Custer	13 677	2 571						
Dakota	.....		17 369		258			
Dawes	9 362	1 397						
Dawson	22 298	982						
Deuel	2 358	437						

STATE OF NEBRASKA (Continued)

COUNTY	VERY HIGH RISK POPULATION	AREA	HIGH RISK POPULATION	AREA	MEDIUM RISK POPULATION	AREA	LOW RISK POPULATION	AREA
Dixon	.....		6 864	474				
Dodge	.....		35 764	534				
Douglas	.....		413 626	333				
Dundy	2 894	920						
Fillmore	.....		7 732	576				
Franklin	4 293	576						
Frontier	3 632	976						
Furnas	6 536	721						
Gage	.....		23 940	858				
Garden	2 725	1 680						
Garfield	2 422	570						
Gosper	2 160	461						
Grant	878	775						
Greely	3 320	570						
Hall	.....		50 376	537				
Hamilton	.....		9 232	542				
Harlan	4 288	555						
Hayes	1 316	714						
Hitchcock	3 965	709						
Holt	14 004	2 406						
Hooker	1 024	720						
Howard	6 707	564						
Jefferson	.....		9 535	575				
Johnson	.....		5 057	376				
Kearney	6 690	519						
Keith	9 138	1 039						
Keya Paha	1 237	769						
Kimball	4 967	952						
Knox	11 198	1 105						
Lancaster	.....		205 512	839				

STATE OF NEBRASKA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Lincoln	34 217	2 525						
Logan	969	571						
Loup	897	574						
McPherson	561	859						
Madison	32 468	575						
Merrick	.....	.....	8 628	478				
Morril	6 029	1 405						
Nance	.....	.....	4 594	439				
Nemaha	.....	.....	8 330	408				
Nuckolls	.....	.....	6 792	576				
Otoe	.....	.....	15 120	615				
Paynee	.....	.....	3 695	432				
Perkins	3 813	885						
Phelps	10 198	540						
Pierce	8 514	575						
Platte	.....	.....	29 752	669				
Polk	.....	.....	5 973	437				
Red Willow	12 999	718						
Richardson	.....	.....	10 905	553				
Rock	2 456	1 003						
Saline	.....	.....	13 066	576				
Sarpy	.....	.....	95 470	238				
Saunders	.....	.....	18 574	753				
Scotts Bluff	38 419	725						
Seward	.....	.....	15 820	575				
Sheridan	7 807	2 453						
Sherman	3 972	564						
Sioux	1 738	2 069						
Stanton	6 437	431						
Thayer	.....	.....	7 463	575				

STATE OF NEBRASKA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Thomas	965	714						
Thurston	7 194	391						
Valley	5 871	567						
Washington	.....		15 464	386				
Wayne	.....		9 801	443				
Webster	.....		4 787	575				
Wheeler	1 101	575						
York	.....		15 046	576				
TOTAL STATE	429 634	56 943	1 185 177	19 696	---	---	---	---

F E M A R E G I O N V I I I - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 7,709,731
Land Area: 573,497 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Colorado	208 479	15 358	2 022 824	13 470	679 583	32 058	339 232	42 766
Montana	521 557	97 043	99 708	25 565	211 607	22 757	---	---
North Dakota	563 779	50 678	133 797	18 666	---	---	---	---
South Dakota	232 028	39 459	476 700	36 497	---	---	---	---
Utah	---	---	167 391	1 169	1 021 379	13 537	510 097	67 388
Wyoming	95 053	7 073	258 778	45 559	167 739	44 454	---	---
TOTAL REGION VIII	1 620 896	209 611	3 159 198	140 926	2 080 308	112 806	849 329	111 154

STATE OF COLORADO -- FALLOUT RISK

Estimated 1985 Population: 3,250,118
Land Area: 103,652 square miles

COUNTY	VERY HIGH RISK (GT 15000R) POPULATION AREA	HIGH RISK (EQ/GT 6000R LT 15000R) POPULATION AREA	MEDIUM RISK (EQ/GT 3000R LT 6000R) POPULATION AREA	LOW RISK (LT 3000R) POPULATION AREA
Adams	277 973	1 235		
Alamosa				12 588 719
Archibae	378 836	800		
Archuleta				5 798 1 353
Baca			5 133 2 554	
Bent			5 913 1 008	
Boulder	213 665	742		
Chaffee			12 793 1 008	
Cheyenne	2 475	1 783		
Clear Creek				7 283 397
Conejos				8 148 1 285
Costilla				3 564 1 227
Crowley			3 282 790	
Custer			1 952 740	
Delta				24 615 1 141
Denver	507 548	111		
Delores				1 792 1 064
Douglas	35 853	841		
Eagle			17 085 1 590	
Elbert	8 500	1 851		
El Paso			358 941 2 129	
Fremont			31 488 1 538	
Garfield				28 651 2 952
Gilpin	2 822	149		
Grand			9 077 1 854	

STATE OF COLORADO (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Gunnison	10 471	3 238
Hinsdale	531	1 115
Huerfano	7 187	1 583
Jackson	1 732	1 615	.....	.....
Jefferson	420 750	1 615	.....	.....	.....	.....
Kiowa	1 947	1 758	.....	.....
Kit Carson	7 960	2 160	.....	.....	.....	.....	.....	.....
Lake	6 762	379	.....	.....
La Plata	31 744	1 692
Larimer	169 855	2 604	.....	.....	.....	.....
Las Animas	14 778	4 771
Lincoln	4 547	2 586	.....	.....	.....	.....
Logan	19 921	1 819	.....	.....	.....	.....	98 752	3 309
Mesa	808	877
Mineral
Moffat	15 593	4 732	.....	.....
Montezuma	20 001	2 083
Montrose	26 409	2 240
Morgan	23 440	1 276	.....	.....	.....	.....	.....	.....
Otero	22 191	1 247	.....	.....
Ouray	2 241	542
Park	7 201	2 192
Phillips	4 653	688	.....	.....	.....	.....	.....	.....
Fitkin	10 356	968	.....	.....
Flowers	14 492	1 629	.....	.....
Pueblo	124 546	2 377	.....	.....
Rio Blanco	6 960	3 222
Rio Grande	11 468	913
Routt	13 951	2 267	.....	.....
Saguache	4 141	3 176

STATE OF COLORADO (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
San Juan	.....	.....	.....	.....	.....	.....	1 085	388
San Miguel	.....	.....	.....	.....	.....	.....	3 006	1 287
Sedgwick	3 187	540	.....	.....	.....	.....	.....	.....
Summit	.....	.....	.....	.....	11 192	607	.....	.....
Teller	.....	.....	.....	.....	11 157	559	.....	.....
Washington	5 548	2 520	.....	.....	.....	.....	.....	.....
Weld	133 779	3 990	.....	.....	.....	.....	.....	.....
Yuma	9 991	2 365	.....	.....	.....	.....	.....	.....
TOTAL STATE	208 479	15 358	2 022 824	13 470	679 583	32 058	339 232	42 766



STATE OF MONTANA -- FALLOUT RISK

Estimated 1985 Population: 832,872
Land Area: 145,365 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Beaverhead	.....	.....	.....	.....	8 849	5 529		
Big Horn	11 639	4 983						
Blaine	7 056	4 259						
Broadwater	3 459	1 188						
Carbon	.....	.....	8 734	2 056				
Carter	.....	.....	1 751	3 342				
Cascade	82 077	2 699						
Chouteau	6 186	3 988						
Custer	13 535	3 776						
Daniels	2 758	1 427						
Dawson	12 939	2 347						
Deer Lodge	.....	.....	.....	.....	10 873	740		
Fallon	.....	.....	3 767	1 623				
Fergus	12 880	4 340						
Flathead	.....	.....	54 349	5 112				
Gallatin	48 749	2 510						
Garfield	1 704	4 491						
Glacier	11 450	2 995						
Golden Valley	1 114	1 172						
Granite	.....	.....	.....	.....	2 841	1 729		
Hill	18 678	2 897						
Jefferson	.....	.....	8 286	1 656				
Judith Basin	2 716	1 871						
Lake	.....	.....	.....	.....	20 728	1 493		
Lewis and Clark	46 434	3 461						

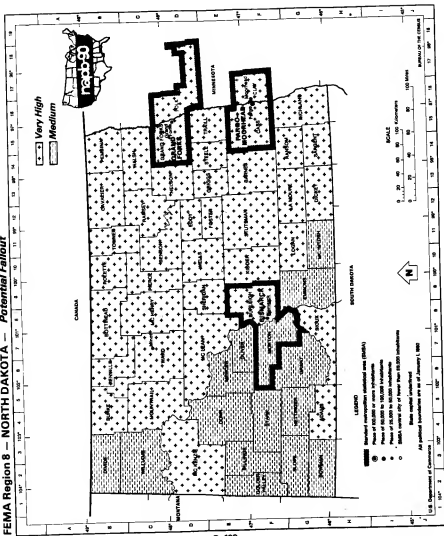
STATE OF MONTANA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Liberty	2 597	1 427			18 885	3 616		
Lincoln								
McCone	2 703	2 626						
Madison			5 933	3 590				
Meagher	2 247	2 392						
Mineral								
Missoula					3 694	1 216		
Musselshell					76 535	2 582		
Park	4 373	2 665						
Petroleum	13 373	2 665						
	676	1 652						
Phillips	5 756	5 131						
Pondera	7 155	1 632						
Powder River			2 471	3 288				
Powell			6 849	2 329				
Prairie	1 873	1 732						
Ravalli					25 404	2 384		
Richland	14 890	2 081						
Roosevelt	11 848	2 357						
Rosebud	13 959	5 019			9 326	2 749		
Sanders								
Sheridan			6 072	1 681				
Silver Bow					34 471	719		
Stillwater	6 114	1 793						
Sweetgrass	3 321	1 856						
Teton	6 424	2 275						
Toole	5 784	1 931						
Treasure	1 019	975						
Valley	9 916	4 936						
Wheatland	2 291	1 419						
Wibaux			1 496	888				

STATE OF MONTANA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Yellowstone	121 398	2 624						
Yellowstone National	66	245						
TOTAL STATE	521 557	97 043	99 708	25 565	211 607	22 757	---	---

CEMA Region 8 – NORTH DAKOTA



STATE OF NORTH DAKOTA -- FALLOUT RISK

Estimated 1985 Population: 697,576
Land Area: 69,344 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 600R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	3 494	988						
Barnes	13 666	1 498						
Benson	8 099	1 412						
Billings	.....		1 332	1 152				
Bottineau	9 120	1 668						
Bowman	.....		4 334	1 162				
Burke	3 655	1 118						
Burleigh	60 173	1 618						
Cass	97 117	1 767						
Cavalier	7 029	1 507						
Dickey	6 876	1 139						
Divide	.....		3 200	1 288				
Dunn	.....		5 380	1 993				
Eddy	3 230	634						
Emmons	5 692	1 499						
Foster	4 564	640						
Golden Valley	.....		2 688	1 003				
Grand Forks	69 331	1 440						
Grant	.....		4 147	1 660				
Griggs	3 631	780						
Hettinger	.....		3 954	1 133				
Kidder	3 777	1 362						
La Moure	6 037	1 150						
Logan	3 203	1 000						
McHenry	7 432	1 887						

STATE OF NORTH DAKOTA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
McIntosh	.....		4 406	984				
McKenzie	8 890	2 754						
McLean	13 042	2 065						
Mercer	.....		16 279	1 044				
Morton	.....		27 044	1 920				
Mountrail	8 188	1 837						
Nelson	4 946	991						
Oliver	.....		2 724	723				
Pembina	10 129	1 120						
Pierce	5 998	1 037						
Ramsey	13 031	1 241						
Ransom	6 452	862						
Renville	3 555	874						
Richland	20 230	1 436						
Rolette	13 300	914						
Sargent	5 186	858						
Sheridan	2 606	990						
Sioux	3 253	1 099						
Slope	.....		1 148	1 219				
Stark	.....		28 911	1 338				
Steele	2 896	714						
Stutsman	23 547	2 263						
Towner	4 752	1 036						
Trail	9 285	861						
Walsh	15 579	1 290						
Ward	65 495	2 041						
Wells	6 793	1 288						
Williams	.....		28 270	2 047				
TOTAL STATE	563 779	50 678	133 797	18 666	---	---	---	---

STATE OF SOUTH DAKOTA - - FALLOUT RISK

Estimated 1985 Population: 708,728
Land Area: 75,956 square miles

COUNTY	VERY HIGH RISK [GT 15000R] POPULATION	AREA	HIGH RISK [EQ/GT 6000R LT 15000R] POPULATION	AREA	MEDIUM RISK [EQ/GT 3000R LT 6000R] POPULATION	AREA	LOW RISK [LT 3000R] POPULATION	AREA
Aurora		3 435		707			
Beadle		18 136		1 259			
Bennett		3 313		1 181			
Bon Homme		7 814		552			
Brookings		25 165		795			
Brown		36 712		1 722			
Brule	5 408	815						
Buffalo	1 685	476						
Butte	8 125	2 251						
Cambell		2 274		732			
Charles Mix		9 719		1 090			
Clark		4 950		953			
Clay		13 647		408			
Codington		22 368		695			
Corson	5 243	2 467						
Custer		6 795		1 559			
Davison		17 806		436			
Day		7 893		1 022			
Deuel		5 203		631			
Dewey	5 487	2 310						
Douglas		3 894		434			
Edmonds		4 933		1 149			
Fall River		7 820		1 740			
Faulk		3 312		1 003			
Grant		9 582		681			

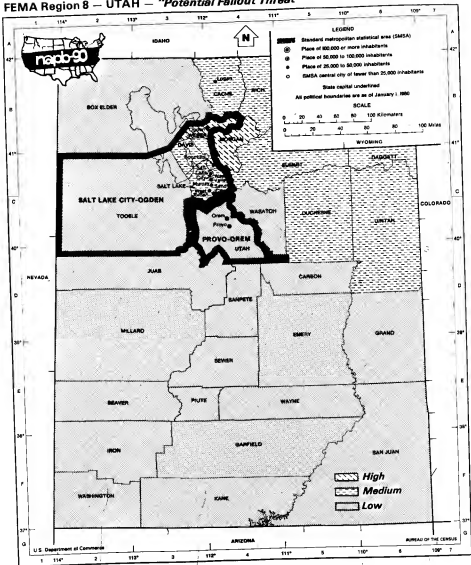
STATE OF SOUTH DAKOTA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Gregory	5 871	1 041						
Haakon	2 965	1 822						
Hamlin	.....	.....	5 251	512				
Hand	.....	.....	4 701	1 437				
Hanson	.....	.....	3 290	433				
Harding	.....	.....	1 889	2 678				
Hughes	14 830	757						
Hutchinson	.....	.....	9 045	816				
Hyde	1 909	860						
Jackson	3 266	1 872						
Jerauld	.....	.....	2 728	530				
Jones	1 500	971						
Kingsbury	.....	.....	6 493	824				
Lake	.....	.....	11 002	560				
Lawrence	19 380	800						
Lincoln	.....	.....	14 384	578				
Lyman	3 892	1 679						
McCook	.....	.....	6 234	576				
McPherson	.....	.....	3 766	1 148				
Marshall	5 209	848						
Meadie	21 716	3 481						
Mellette	2 365	1 311						
Miner	.....	.....	3 482	570				
Minnehaha	.....	.....	120 296	810				
Moody	.....	.....	6 964	520				
Pennington	75 780	2 783						
Perkins	4 649	2 885						
Potter	3 715	869						
Roberts	11 063	1 102						
Sanborn	.....	.....	3 093	569				

STATE OF SOUTH DAKOTA (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Shannon	.....		11 207	2 094				
Spink	.....		9 081	1 505				
Stanley	2 451	1 432						
Sully	1 868	972						
Todd	7 256	1 388						
Tripp	7 188	1 618						
Turner	.....		9 126	617				
Union	.....		10 774	453				
Walworth	6 624	707						
Yankton	.....		19 123	518				
Ziebach	2 493	1 969						
TOTAL STATE	232 028	39 459	476 700	36 497	---	---	---	---

FEMA Region B — UTAH — "Potential Fallout Threat"



STATE OF UTAH -- FALLOUT RISK

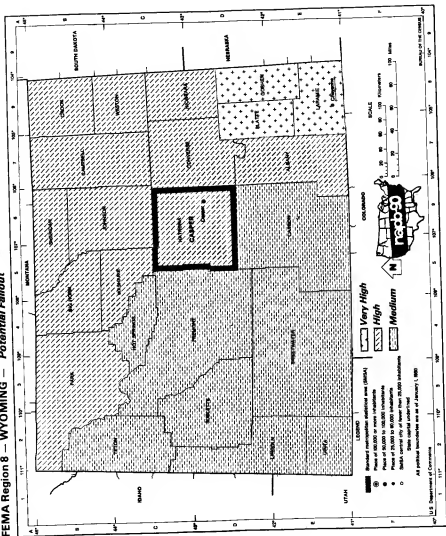
Estimated 1985 Population: 1,698,867

Land Area: 82,094 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Beaver	5 280	2 586
Box Elder	37 769	5 614
Cache
Carbon	66 658	1 171	.....	.....
Daggett	26 132	1 479
	856	699	.....	.....
Davis
Duchesne	174 969	299	.....	.....
Emery	16 271	3 234	.....	.....
Garfield	13 911	4 449
Grand	4 319	4 449
	7 957	3 689
Iron	20 357	3 302
Juab	6 274	3 396
Kane	4 509	3 898
Millard	13 762	6 818
Morgan
	5 285	603	.....	.....	.....	.....
Plute	1 476	759
Rich
Salt Lake	2 638	1 034	.....	.....
San Juan	716 909	756	12 096	7 725
Sanpete	17 343	1 586
Sevier
Summit	16 360	1 910
Trocoele	13 230	1 865	.....	.....
Uintah	29 408	6 919
Utah	29 848	4 479	.....	.....
	246 181	2 018

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Wasatch		10 044	1 191
Washington		34 783	2 422
Wayne		2 136	2 461
Weber		162 106	566			
TOTAL STATE	---	---	167 391	1 169	1 021 379	13 537	510 097	67 388

B-211



STATE OF WYOMING - - FALLOUT RISK

Estimated 1985 Population: 521,570
Land Area: 97,086 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Albany		30 328	4 286				
Big Horn		12 559	3 139				
Campbell		37 605	4 796				
Carbon				20 407	7 878		
Converse		15 207	4 271				
Crook		6 058	2 856				
Fremont				36 886	9 181		
Goshen	12 430	2 186	.....		6 119	2 005		
Hot Springs							
Johnson		7 107	4 166				
Laramie	73 254	2 864	.....				
Lincoln				15 176	4 070		
Natrona		75 746	5 247				
Niobrara		3 358	2 685				
Park		25 213	6 936				
Platte	9 369	2 023	.....				
Sheridan		27 466	2 532				
Sublette				5 572	4 871		
Sweetwater				45 791	10 352		
Teton				11 553	4 012		
Uinta				26 235	2 085		
Washakie		10 106	2 243				
Wheaton		8 025	2 402				
TOTAL STATE	95 053	7 073	258 778	45 559	167 739	44 454		

F E M A R E G I O N I X - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 31,504,342
Land Area: 386,970 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 300R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Arizona	---	---	---	---	---	---	3 138 988	113 550
California	1 351 111	20 941	14 558 057	52 204	8 881 071	39 675	1 315 605	43 459
Hawaii	---	---	---	---	---	---	1 057 270	6 427
Nevada	---	---	---	---	611 497	32 602	326 694	77 293
American Samoa	---	---	---	---	---	---	35 000*	77
Guam	---	---	---	---	---	---	112 900	209
Trust Territory	---	---	---	---	---	---	116 149*	533

TOTAL REGION IX 1 351 111 20 941 14 558 057 52 204 9 492 568 72 277 6 102 606 241 548

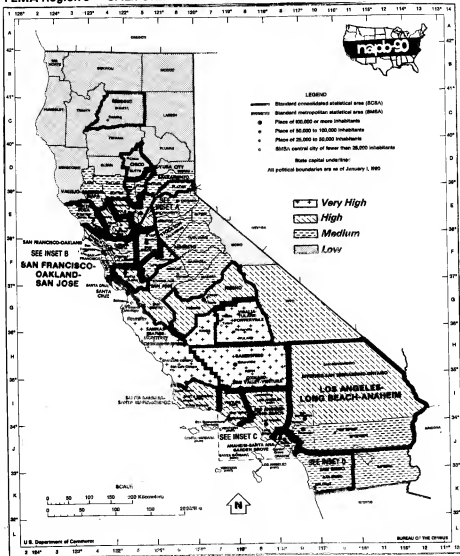
* 1980 Census

STATE OF ARIZONA - - FALLOUT RISK

Estimated 1985 Population: 3,138,988

Land Area: 113,550 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [8Q/GT 6000R LT 15000R]		MEDIUM RISK [BQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Apache	53 418	11 211
Cochise	95 247	6 219
Coconino	85 381	18 608
Gila	38 830	4 753
Graham	23 316	4 631
Greenlee	9 640	1 837
Maricopa	1 766 060	9 127
Mohave	71 818	13 285
Navajo	72 022	9 995
Pima	610 597	9 187
Pinal	102 303	5 343
Santa Cruz	21 417	1 238
Yavapai	81 196	8 122
Yuma	107 743	9 994
TOTAL STATE	---	---	---	---	---	---	3 138 988	113 550

FEMA Region 9 — CALIFORNIA — *Potential Fallout*

STATE OF CALIFORNIA - - FALLOUT RISK

Estimated 1985 Population: 26,105,844
Land Area: 156,279 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Alameda	1 190 343	736	.....	.....	.....
Alpine	1 141	739	.....	.....	.....
Anaheim	22 813	589
Butte	162 165	1 646
Calaveras	26 876	1 021	.....	.....	.....
Colusa	14 543	1 153	.....	.....
Contra Costa	708 382	730	.....	.....
Del Norte	18 370	1 007
El Dorado	102 112	1 715	.....	.....	.....
Fresno	574 401	5 978	.....	.....	.....	.....	.....
Glenn	22 999	1 319
Humboldt	112 294	3 579
Imperial	104 881	4 173	.....	.....
Inyo	18 372	10 223	.....	.....	.....	.....
Kern	477 128	8 130	.....	.....	.....	.....	.....	.....
Kings	83 706	1 392	.....	.....	.....	.....	.....	.....
Lake	47 940	1 262	.....	.....
Lassen	24 433	4 553
Los Angeles	8 006 962	4 070	.....	.....	.....	.....
Madera	76 585	2 145	.....	.....
Marin	224 538	523	.....	.....	.....	.....
Mariposa	13 230	1 456	.....	.....
Mendocino	72 881	3 512
Merced	159 970	1 944	.....	.....
Modoc	9 810	4 046

STATE OF CALIFORNIA (Continued)

COUNTY	VERY HIGH RISK POPULATION	VERY HIGH RISK AREA	HIGH RISK POPULATION	HIGH RISK AREA	MEDIUM RISK POPULATION	MEDIUM RISK AREA	LOW RISK POPULATION	LOW RISK AREA
Mono	326 370	3 303					9 243	3 019
Monterey								
Napa			102 667	744				
Nevada					68 276	960		
Orange					2 111 396	798		
Placer					137 111	1 416		
Plumas							19 745	2 573
Riverside					805 521	7 214		
Sacramento			887 649	971				
San Benito			30 158	1 388				
San Bernardino			1 068 239	20 064				
San Diego					2 114 283	4 212		
San Francisco			721 187	46				
San Joaquin					411 407	1 415		
San Luis Obispo	184 867	3 308					609 317	447
San Mateo								
Santa Barbara			328 764	2 748				
Santa Clara			1 390 579	1 293				
Santa Cruz			210 206	446			129 180	3 786
Shasta								
Sierra							3 403	959
Siskiyou							42 324	6 281
Solano			273 235	834	332 912	1 604		
Sonoma					303 105	1 506		
Stanislaus								
Sutter					58 181	602		
Tehama							44 142	2 953
Trinity							13 486	3 190
Tulare	279 040	4 808						
Tuolumne					39 613	2 234		

STATE OF CALIFORNIA (Continued)

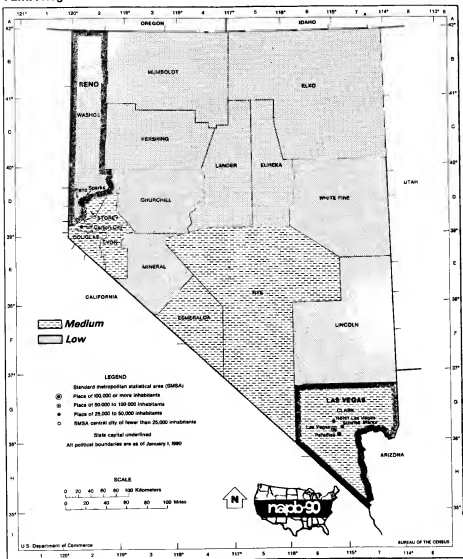
COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Ventura	.....	.....	598 564	1 862				
Yolo	.....	.....	122 536	1 014				
Yuba	.....	.....	.....	.....	53 263	640		
TOTAL STATE	1 351 111	20 941	14 558 057	52 204	8 881 071	39 675	1 315 605	43 459

STATE OF HAWAII - - P A L L O U T R I S K

Estimated 1985 Population: 1,057,270
Land Area: 6,427 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Hawaii	109 953	4 034
Honolulu	815 900	597
Kalawaa	144	14
Kauai	45 191	620
Maui	86 082	1 162
TOTAL STATE	---	---	---	---	---	---	1 057 270	6 427

FEMA Region 9 – NEVADA – *Potential Fallout*



STATE OF NEVADA - - FALLOUT RISK

Estimated 1985 Population: 938,191
Land Area: 109,895 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Churchill	14 479	4 990
Clark	554 764	7 881	.....	.....
Douglas	21 345	708	.....	.....
Elko	21 012	17 135
Esmeralda	1 531	3 587	.....	.....
Eureka	1 342	4 175
Humboldt	11 285	9 698
Lander	4 455	5 515
Lincoln	3 493	10 635
Lyon	16 208	2 007	.....	.....
Mineral	5 961	3 744
Nye	15 772	18 155	.....	.....
Pershing	3 587	6 036
Storey	1 877	264	.....	.....
Washoe	215 966	6 317
White Pine	8 231	8 902
Carson City (Ind)	36 883	146
TOTAL STATE	---	---	---	---	611 497	32 602	326 694	77 293

[MAP WILL BE FURNISHED SEPARATELY]

REGION IX - AMERICAN SOMOA - Potential Fallout

B-225

TERRITORY OF AMERICAN SAMOA -- FALLOUT RISK

Estimated 1980 Population: 35,000
Land Area: 77 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Entire Territory	35 000	77
TOTAL TERRITORY	---	---	---	---	---	---	35 000	77

[MAP WILL BE FURNISHED SEPARATELY]

REGION IX - GUAM - Potential Fallout

B-227

TERRITORY OF GUAM -- FALLOUT RISK

Estimated 1985 Population: 112,900
Land Area: 209 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Entire Territory	---	---	---	---	---	---	112 900	209
TOTAL TERRITORY	---	---	---	---	---	---	112 900	209

[MAP WILL BE FURNISHED SEPARATELY]

REGION IX - AMERICAN TRUST TERRITORY - Potential Fallout

U. S. T R U S T T E R R I T O R Y - - F A L L O U T R I S K

Estimated 1980 Population: 116,149
Land Area: 533 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Entire Territory	116 149	533

TOTAL Territory	---	---	---	---	---	---	116 149	533
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F E M A R E G I O N X - - F A L L O U T R I S K S U M M A R Y

Estimated 1985 Population: 8,634,750
Land Area: 815,946 square miles

STATE	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ>GT 6000R LT 15000R]		MEDIUM RISK [EQ>GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Alaska	---	---	---	---	---	---	534 271	570 833
Idaho	---	---	58 634	5 839	526 307	41 482	429 340	35 093
Oregon	---	---	---	---	---	---	2 683 926	96 187
Washington	---	---	581 999	2 548	3 045 577	30 894	774 696	33 070
TOTAL REGION X	---	---	640 633	8 387	3 571 884	72 376	4 422 233	735 183

[MAP WILL BE FURNISHED SEPARATELY]

REGION X - ALASKA - Potential Fallout

B-233

STATE OF ALASKA - - FALLOUT RISK

Estimated 1985 Population: 534,271
Land Area: 570,833 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Alutian Islands	7 056	10 890
Anchorage	239 699	1 732
Bethel	12 358	36 104
Bristol Bay	1 142	531
Dillingham	4 988	45 042
Fairbanks North	64 320	7 404
Haines	1 997	2 374
Juneau	24 835	2 626
Kenai Peninsula	43 080	16 056
Ketchikan Gateway	13 381	1 242
Kobuk	5 768	31 593
Kodiak Island	17 229	4 796
Matanuska-Susitn	32 533	24 502
Nome	7 758	23 871
North Slope	5 303	90 955
Prince of Wales	5 077	7 660
Sitka	7 344	2 938
Skagway-Yakutat	4 068	13 239
SE Fairbanks	6 428	24 169
Valdez-Cordova	8 583	39 229
Wade Hampton	5 725	17 816
Wrangell-Petersburg	6 396	5 965
Yukon-Koyukuk	9 193	159 099
TOTAL STATE	---	---	---	---	---	---	534 271	570 833

STATE OF IDAHO -- FALLOUT RISK

Estimated 1985 Population: 1,014,281

Land Area: 82,414 square miles

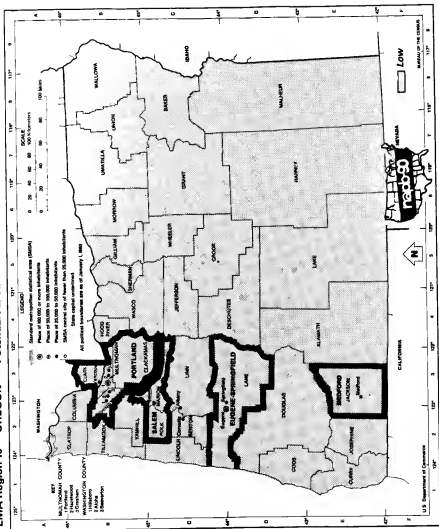
COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Ada	193 281	1 052
Adams	3 432	1 362
Bannock		
Bear Lake	69 355	1 112		
Benewah	7 181	990		
	8 678	784		
Bingham		
Blaine	38 633	2 096		
Boise	13 418	2 635		
Bonner	2 907	1 901
Bonneville	26 862	1 727		
	69 727	1 840		
Boundary		
Butte	7 620	1 268		
Camas	3 359	2 236		
Canyon	765	1 071		
Caribou	88 722	584
	8 673	1 763		
Cassia	21 278	2 560
Clark		
Clearwater	779	1 763		
Custer	10 291	2 236
Elmore	22 234	3 071	.....	.....	5 856	4 927
Franklin		
Fremont	9 856	664		
Gem	10 996	1 852	.....	.....
Gooding	11 460	558
Idaho	12 580	728	14 527	8 497

B-236

STATE OF IDAHO (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Jefferson	16 569	1 093	.....	.....
Jerome	16 212	601	.....	.....
Kootenai	67 097	1 240	.....	.....
Latah	30 625	1 077	.....	.....
Lemhi	7 891	4 564
Lewis
Lincoln	3 756	1 205	3 922	478
Madison	22 102	468	.....	.....	.....	.....
Minidoka	21 531	758	.....	.....
Nes Perce	33 254	845
Oneida	3 539	1 200	.....	.....
Owyhee	8 839	7 643	.....	.....
Payette	15 937	405
Power	6 852	1 403	.....	.....
Shoshone	16 897	2 641	.....	.....
Teton	3 302	448	.....	.....	.....	.....
Twin Falls	56 904	1 944	7 000	3 670
Valley	8 572	1 454
Washington
TOTAL STATE	58 634	5 839	526 307	41 482	429 340	35 093

FEMA Region 10 — OREGON — Potential Fallout



STATE OF OREGON - - FALLOUT RISK

Estimated 1985 Population: 2,683,926
Land Area: 96,187 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Baker		16 399	3 072
Benton		65 950	679
Clackamas		255 328	1 870
Clatsop		32 360	805
Columbia		37 060	651
Coos		60 458	1 606
Crook		13 003	2 984
Curry		16 878	1 629
Deschutes		65 782	3 025
Douglas		91 809	5 044
Gilliam		1 883	1 213
Grant		8 231	4 525
Harney		6 989	10 174
Hood River		16 536	521
Jackson		136 961	2 787
Jefferson		12 797	1 789
Josephine		64 672	1 640
Klamath		58 300	5 954
Lake		7 880	8 251
Lane		264 127	4 562
Lincoln		37 132	980
Linn		90 056	2 296
Malheur		29 073	9 861
Marion		211 140	1 184
Morrow		7 813	2 044

STATE OF OREGON (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Multnomah	561 570	431
Polk	45 358	741
Sherman	2 294	827
Tillamook	21 679	1 101
Umatilla	60 893	3 217
Union	24 745	2 036
Wallowa	7 595	3 150
Wasco	22 521	2 365
Washington	268 875	725
Wheeler	1 489	1 713
Yamhill	58 290	715
TOTAL STATE	---	---	---	---	---	---	2 683 926	96 187

STATE OF WASHINGTON -- FALLOUT RISK

Estimated 1985 Population: 4,402,272
Land Area: 66,512 square miles

COUNTY	VERY HIGH RISK [GT 15000R]		HIGH RISK [EQ/GT 6000R LT 15000R]		MEDIUM RISK [EQ/GT 3000R LT 6000R]		LOW RISK [LT 3000R]	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Adams	13 664	1 922
Asotin	17 309	635
Benton	113 359	1 715
Chelan	49 587	2 915		
Clallam	52 381	1 753		
Clark	207 459	627
Columbia	4 031	864
Cowlitz	79 164	1 139
Douglas	24 068	1 817	6 023	2 200
Ferry
Franklin	36 914	1 243
Garfield	2 567	706
Grant	52 678	2 660
Grays Harbor	64 224	1 918
Island	48 374	212	.....	.....	.....	.....	.....
Jefferson	17 748	1 805	.....	.....
King	1 337 360	2 128	.....	.....
Kitsap	169 172	393	.....	.....	.....	.....	.....
Kittitas	25 016	2 308	.....	.....
Klickitat	16 603	1 880
Lewis	57 735	2 409	.....	.....
Lincoln	9 627	2 310
Mason	35 586	961	.....	.....
Okanogan	33 037	5 281
Pacific	17 922	908

STATE OF WASHINGTON (Continued)

COUNTY	VERY HIGH RISK		HIGH RISK		MEDIUM RISK		LOW RISK	
	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA	POPULATION	AREA
Pend Oreille	8 902	1 400
Pierce	523 288	1 675	.....	.....
San Juan	8 901	179	.....	.....	.....	.....
Skagit	70 097	1 735	.....	.....
Skamania	7 467	1 672
Snohomish	375 615	2 098	.....	.....
Spokane	355 552	1 764	.....	.....	.....	.....
Stevens	31 565	2 468
Thurston	141 832	727	.....	.....
Wahkiakum	3 681	261
Walla Walla	48 500	1 261
Whitman	113 087	2 125	.....	.....
Yakima	41 031	2 151	.....	.....
Yakima	181 146	4 287	.....	.....
TOTAL STATE	----	----	581 999	2 548	3 045 577	30 894	774 696	33 070

B-245